

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100347.D
 Acq On : 9 Nov 2017 18:20
 Operator : SJ/JU
 Sample : PB103993BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:07 PM

Quant Time: Nov 10 00:49:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163440	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	674958	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	332851	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	667649	20.00	ng	0.00
75) Chrysene-d12	14.07	240	485334	20.00	ng	0.00
86) Perylene-d12	15.55	264	382401	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1050656	103.05	ng	0.02
7) Phenol-d6	6.53	99	1316698	104.72	ng	0.00
23) Nitrobenzene-d5	7.47	82	841347	82.41	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	385266	113.59	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1614459	73.86	ng	0.00
78) Terphenyl-d14	13.02	244	1554083	73.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	147618	29.709	ng	93
3) Pyridine	3.56	79	441801	32.590	ng	95
4) n-Nitrosodimethylamine	3.51	42	218510	33.199	ng	94
6) Aniline	6.57	93	323392	18.206	ng	99
8) 2-Chlorophenol	6.69	128	403536	37.412	ng	96
9) Benzaldehyde	6.46	77	259308	28.880	ng	98
10) Phenol	6.54	94	486185m	36.835	ng	
11) bis(2-Chloroethyl)ether	6.64	93	390725	35.243	ng	94
12) 1,3-Dichlorobenzene	6.85	146	439987	35.381	ng	99
13) 1,4-Dichlorobenzene	6.92	146	443482	35.235	ng	98
14) 1,2-Dichlorobenzene	7.07	146	415176	35.676	ng	97
15) Benzyl Alcohol	7.04	79	372794	37.991	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	732242	41.296	ng	97
17) 2-Methylphenol	7.15	107	356362	38.661	ng	99
18) Hexachloroethane	7.42	117	156519	37.716	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	291229	33.400	ng	94
20) 3+4-Methylphenols	7.30	107	433391	37.155	ng	93
22) Acetophenone	7.31	105	548417	33.321	ng	# 97
24) Nitrobenzene	7.49	77	444744	42.325	ng	98
25) Isophorone	7.72	82	821975	38.314	ng	98
26) 2-Nitrophenol	7.80	139	228080	46.486	ng	98
27) 2,4-Dimethylphenol	7.83	122	407882	42.412	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	518936	36.979	ng	99
29) 2,4-Dichlorophenol	8.04	162	370455	40.350	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	364943	36.747	ng	100
31) Naphthalene	8.21	128	1179989	36.297	ng	100
32) Benzoic acid	7.95	122	281714	40.156	ng	100
33) 4-Chloroaniline	8.25	127	126293	9.333	ng	99
34) Hexachlorobutadiene	8.32	225	213968	36.236	ng	97
35) Caprolactam	8.63	113	126110m	40.025	ng	
36) 4-Chloro-3-methylphenol	8.73	107	394392	39.997	ng	100
37) 2-Methylnaphthalene	8.90	142	822874	38.126	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	357874	32.419	ng	98
40) Hexachlorocyclopentadiene	9.05	237	440105	84.709	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100347.D
 Acq On : 9 Nov 2017 18:20
 Operator : SJ/JU
 Sample : PB103993BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

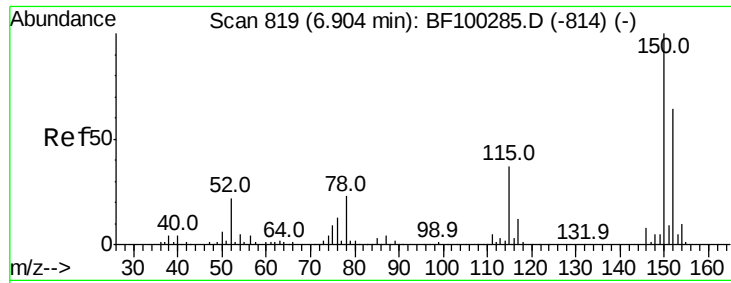
Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:07 PM

Quant Time: Nov 10 00:49:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	278827	39.853	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	293886	40.543	ng	97
45) 1,1'-Biphenyl	9.36	154	980454	34.057	ng	99
46) 2-Chloronaphthalene	9.39	162	766262	36.690	ng	98
47) 2-Nitroaniline	9.48	65	262755	42.893	ng	91
48) Acenaphthylene	9.80	152	1230242	35.545	ng	99
49) Dimethylphthalate	9.66	163	951668	37.447	ng	100
50) 2,6-Dinitrotoluene	9.72	165	211979	42.139	ng	96
51) Acenaphthene	9.97	154	826584	39.268	ng	99
52) 3-Nitroaniline	9.89	138	104712	17.628	ng	98
53) 2,4-Dinitrophenol	10.00	184	228206	94.875	ng	# 18
54) Dibenzofuran	10.15	168	1078422	36.554	ng	99
55) 4-Nitrophenol	10.05	139	369784	76.665	ng	97
56) 2,4-Dinitrotoluene	10.13	165	292745	46.130	ng	# 96
57) Fluorene	10.49	166	813819	37.655	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	248055	41.754	ng	89
59) Diethylphthalate	10.36	149	936992	36.843	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	396795	37.425	ng	94
61) 4-Nitroaniline	10.51	138	226125	40.146	ng	95
62) Azobenzene	10.65	77	904972	37.781	ng	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	144308	43.735	ng	85
65) n-Nitrosodiphenylamine	10.60	169	798525	34.397	ng	95
66) 4-Bromophenyl-phenylether	10.97	248	267378	37.358	ng	# 84
67) Hexachlorobenzene	11.04	284	277634	37.090	ng	# 87
68) Atrazine	11.13	200	265083	37.722	ng	97
69) Pentachlorophenol	11.23	266	332577	61.961	ng	98
70) Phenanthrene	11.46	178	1260233	35.850	ng	99
71) Anthracene	11.51	178	1302815	36.530	ng	99
72) Carbazole	11.66	167	1184201	35.986	ng	99
73) Di-n-butylphthalate	11.99	149	1492596	38.759	ng	99
74) Fluoranthene	12.64	202	1328308	35.654	ng	96
76) Benzidine	12.76	184	483447	24.873	ng	98
77) Pyrene	12.87	202	1337825	38.669	ng	99
79) Butylbenzylphthalate	13.49	149	606435	42.982	ng	95
80) Benzo(a)anthracene	14.06	228	1070668	36.633	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	162272	15.497	ng	96
82) Chrysene	14.10	228	1029673	36.382	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	801273	43.180	ng	98
84) Di-n-octyl phthalate	14.66	149	1214842	38.108	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	831436	36.320	ng	96
87) Benzo(b)fluoranthene	15.12	252	860702	37.991	ng	98
88) Benzo(k)fluoranthene	15.14	252	826026	38.589	ng	98
89) Benzo(a)pyrene	15.49	252	782285	38.949	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	684622	41.681	ng	97
91) Benzo(g,h,i)perylene	17.50	276	697463	43.378	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

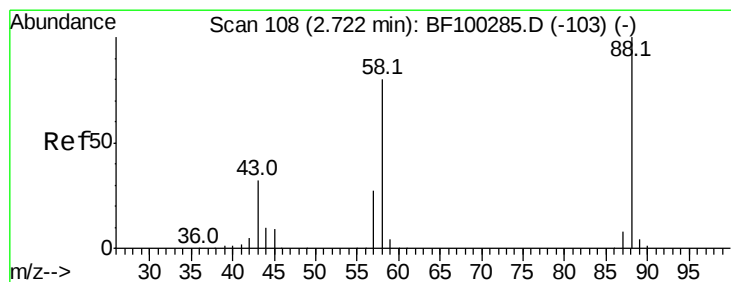
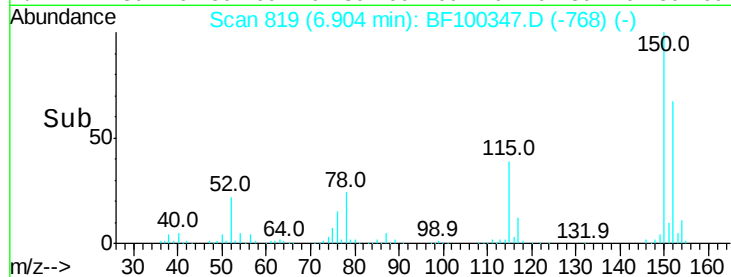
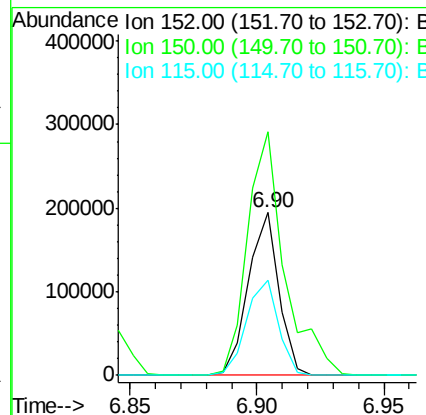
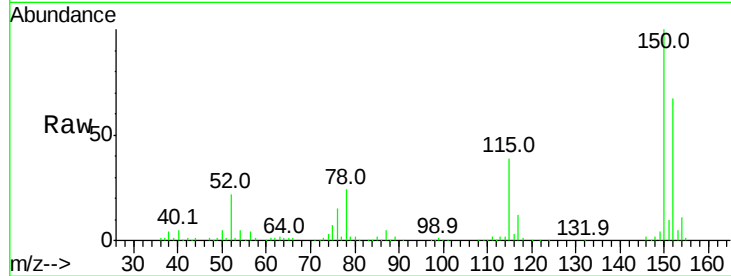
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.6	186.8
115	58.1	50.1	75.1

Manual Integrations
APPROVED

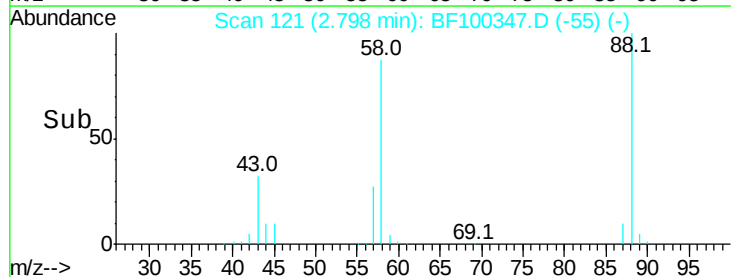
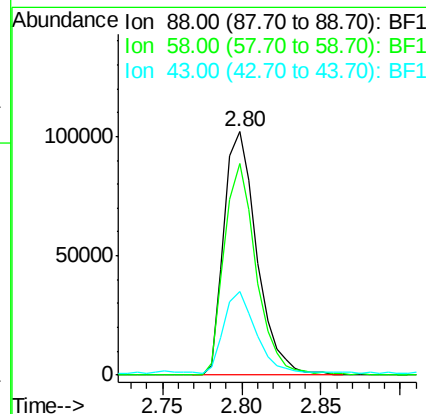
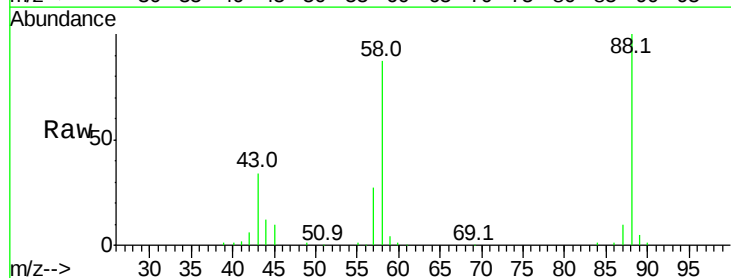
Sohil
11/10/2017 1:15:07 PM

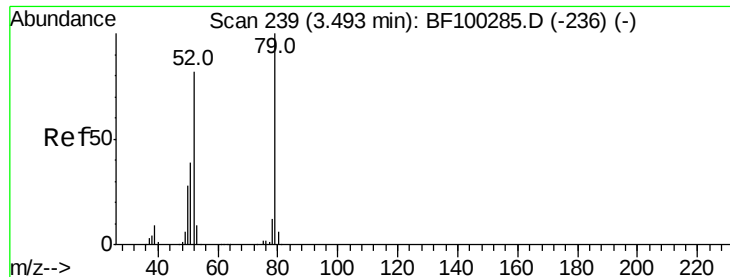


#2

1,4-Dioxane
Concen: 29.709 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	62.6	93.8
43	33.2	24.6	37.0





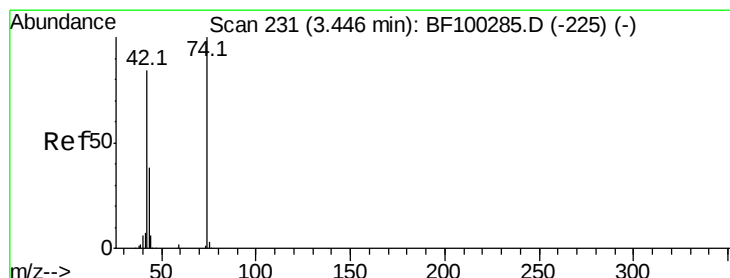
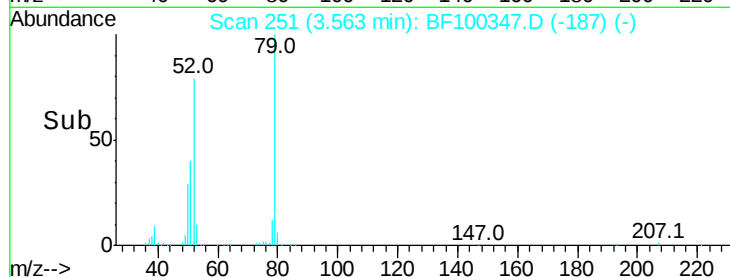
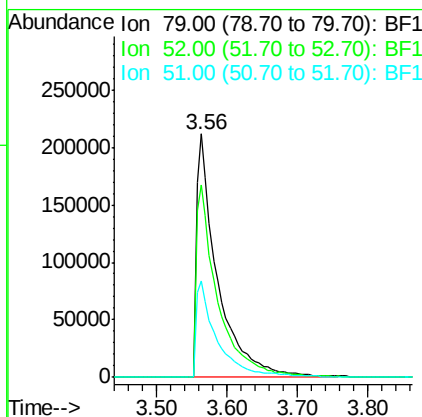
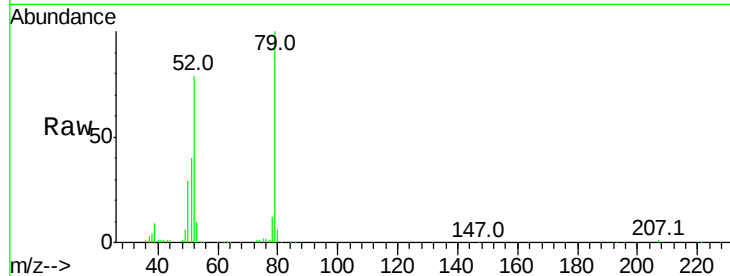
#3
 Pvridine
 Concen: 32.590 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.08 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleID :
 PB103993BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	79.2	59.8		89.6	
51	39.8	29.8		44.8	

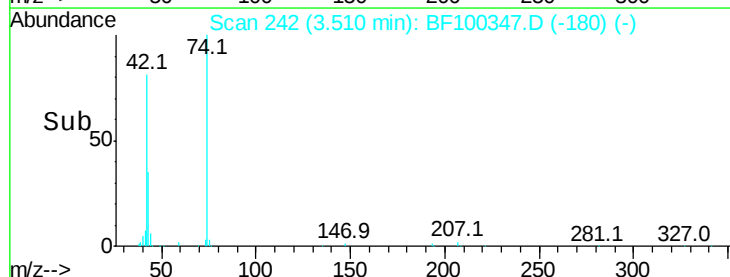
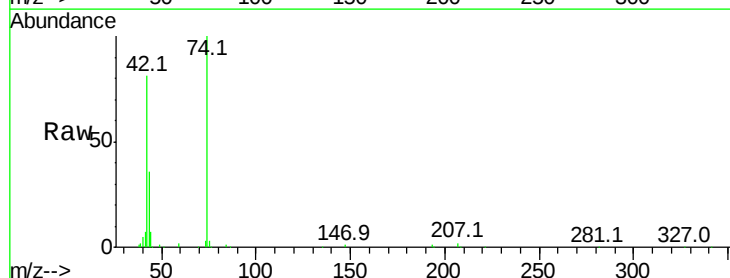
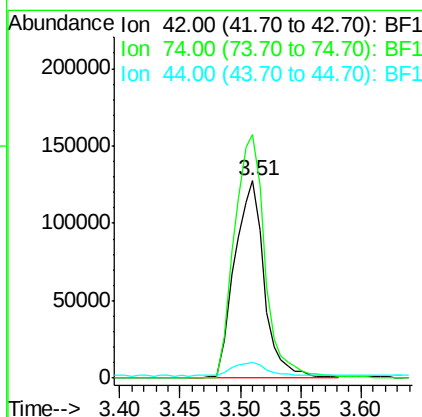
Manual Integrations
 APPROVED

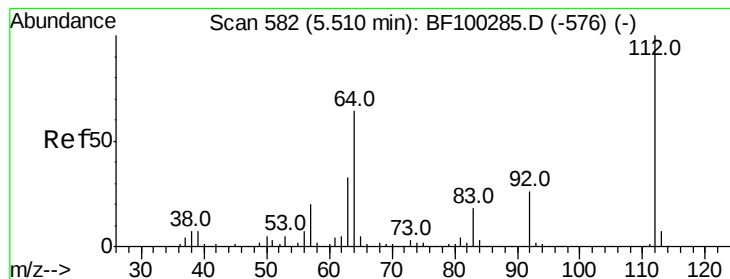
Sohil
 11/10/2017 1:15:07 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.199 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.06 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	123.5	104.9		157.3	
44	8.1	6.9		10.3	





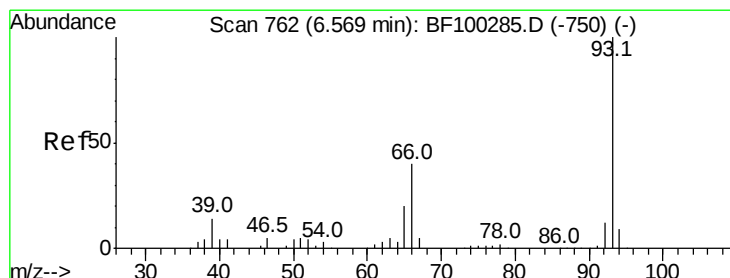
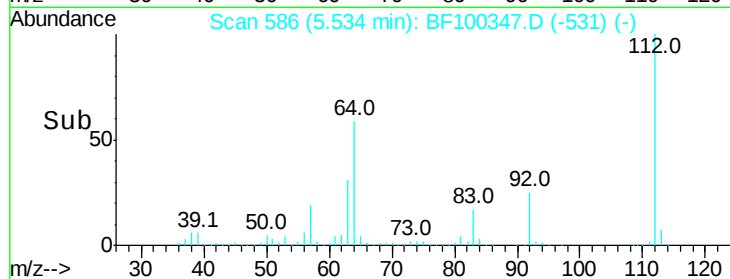
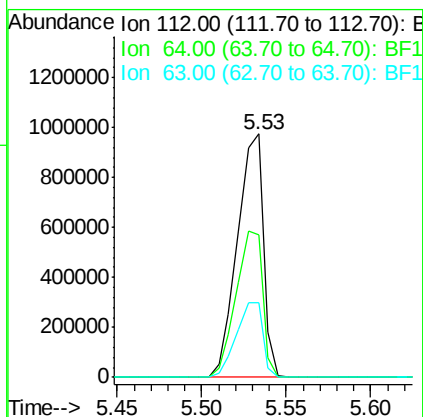
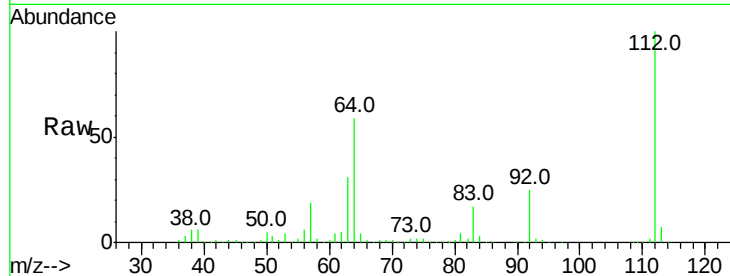
#5
2-Fluorophenol
Concen: 103.046 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion: 112 Resp: 1050656
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.5 23.7 35.5

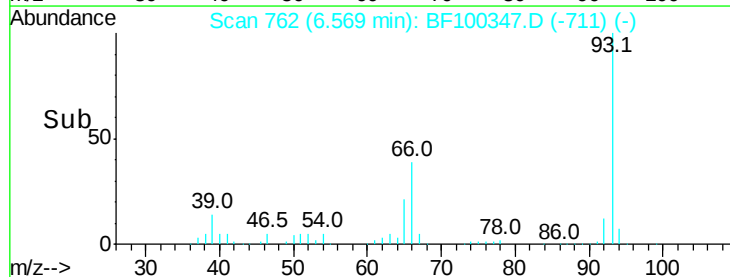
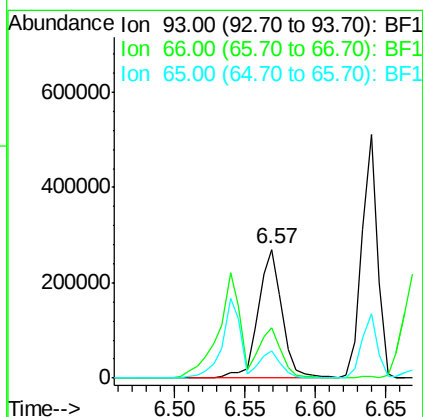
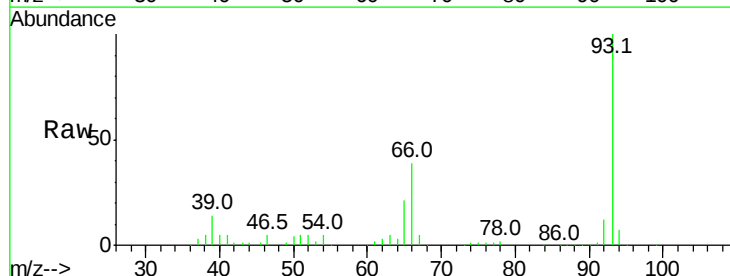
Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#6
Aniline
Concen: 18.206 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion: 93 Resp: 323392
Ion Ratio Lower Upper
93 100
66 39.1 32.2 48.2
65 20.9 16.4 24.6





#7

Phenol-d6

Concen: 104.725 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB103993BS

Tot Ion: 99 Resp: 1316698

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

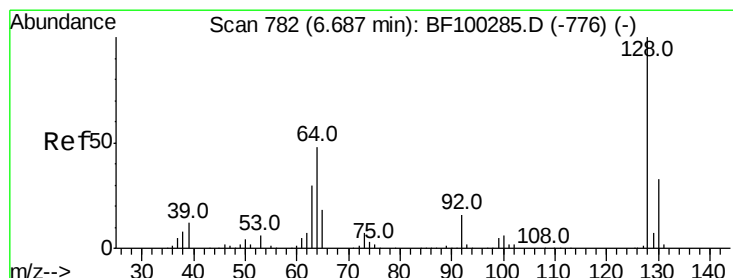
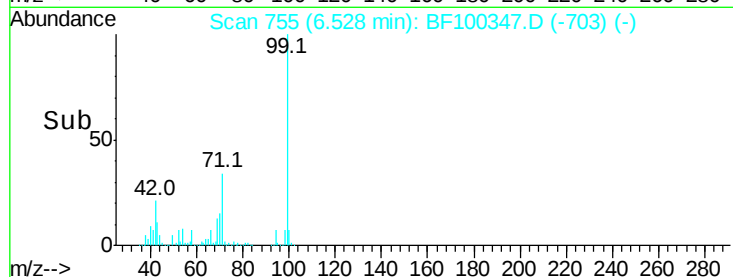
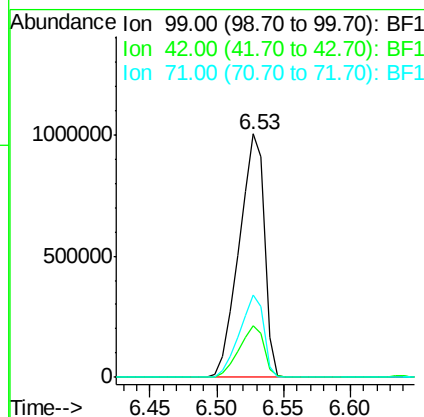
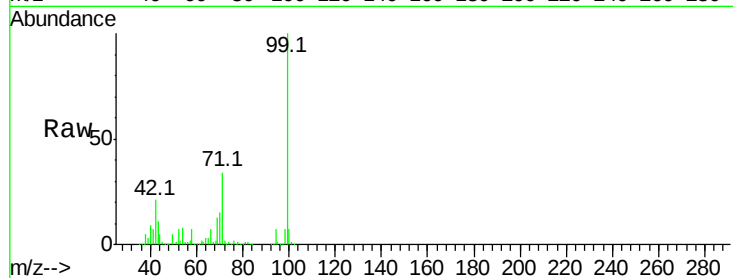
71 33.9 25.4 38.0

Manual Integrations

APPROVED

Sohil

11/10/2017 1:15:07 PM



#8

2-Chlorophenol

Concen: 37.412 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

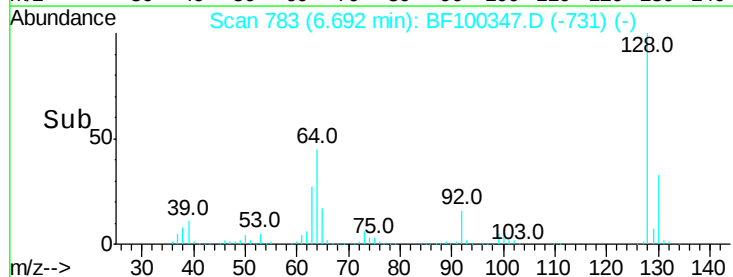
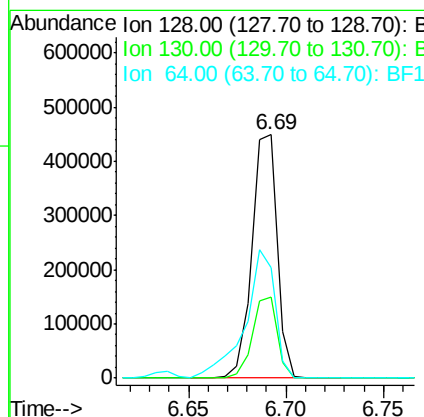
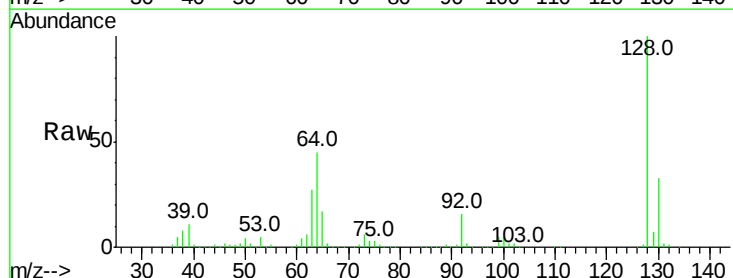
Tgt Ion: 128 Resp: 403536

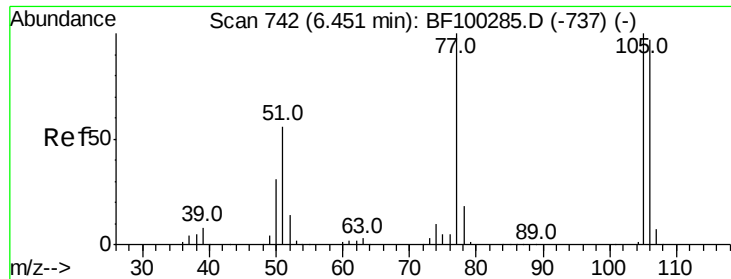
Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 45.4 29.4 69.4





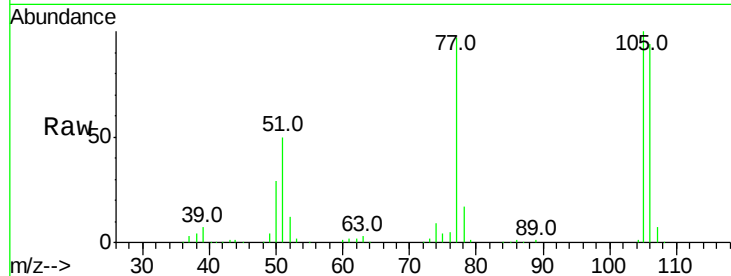
#9
Benzaldehyde
Concen: 28.880 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

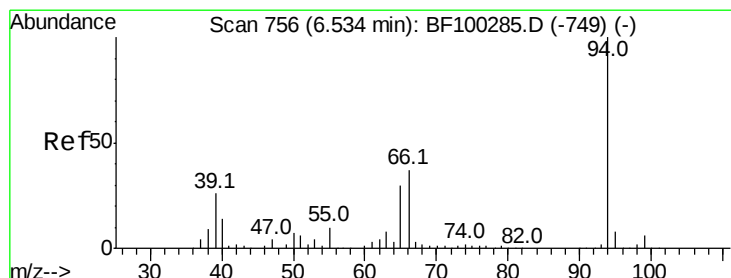
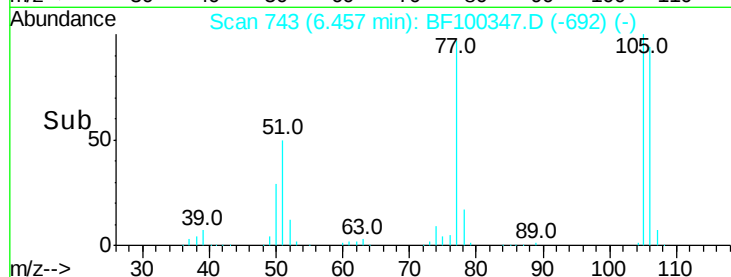
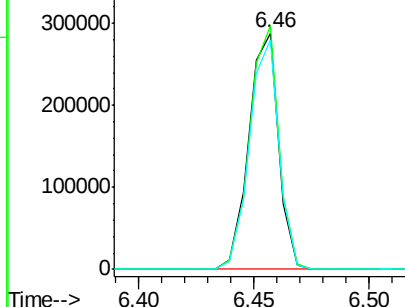
Tot Ion: 77 Resp: 259308
Ion Ratio Lower Upper
77 100
105 103.0 81.1 121.1
106 96.8 74.5 114.5

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM

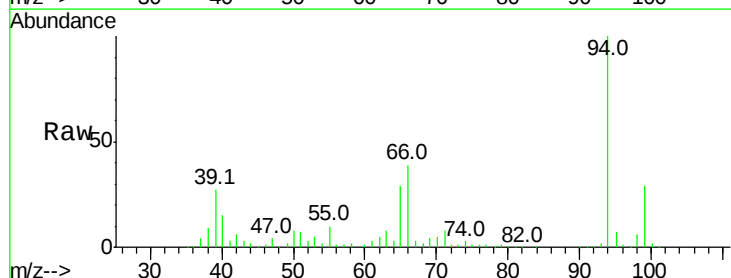


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

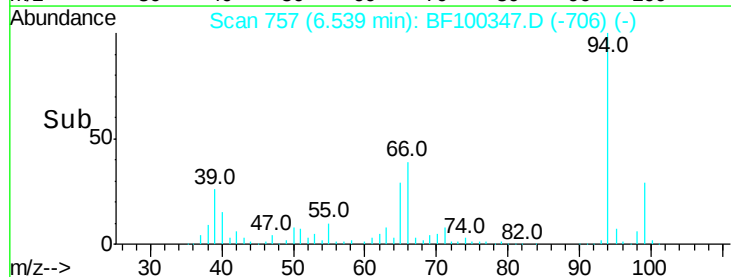
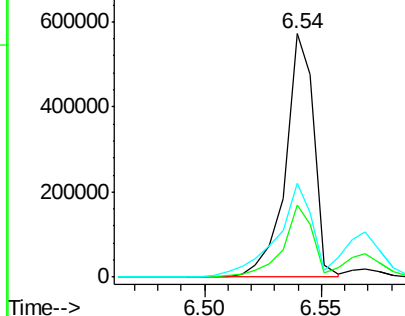


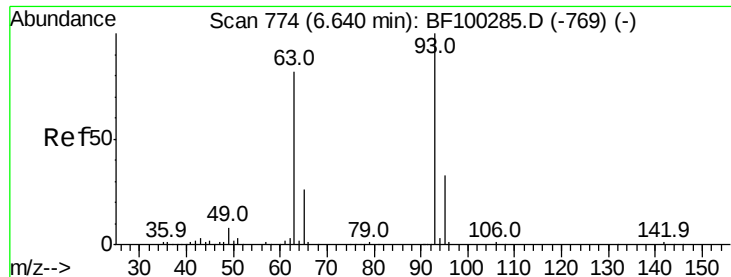
#10
Phenol
Concen: 36.835 ng m
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion: 94 Resp: 486185
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 38.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.243 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

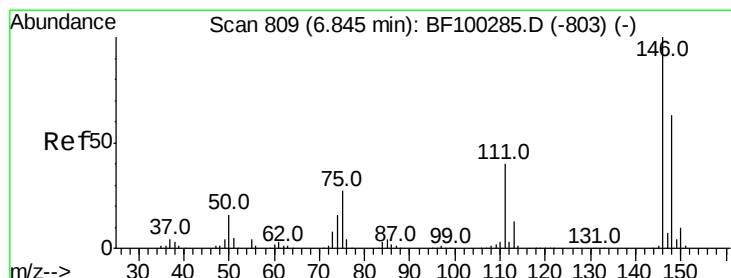
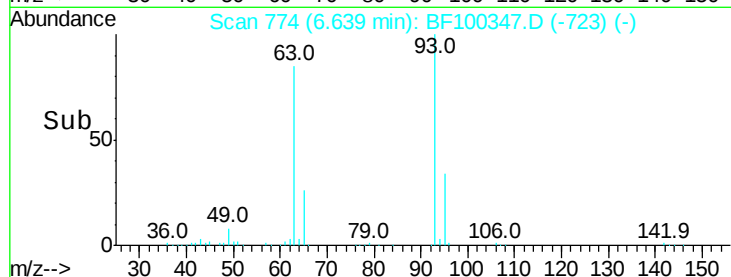
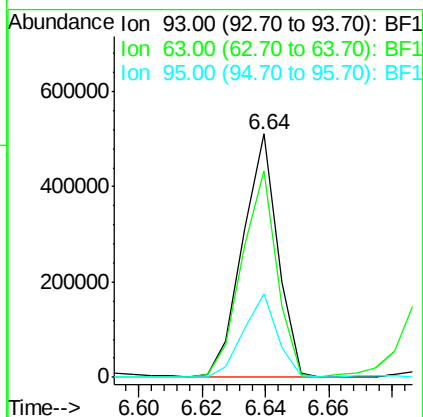
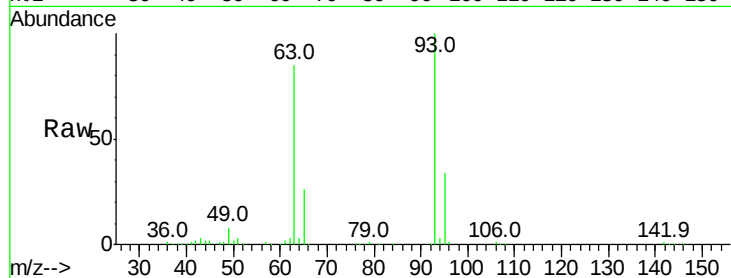
PB103993BS

Tot Ion: 93 Resp: 390725

Ion	Ratio	Lower	Upper
93	100		
63	84.6	58.6	98.6
95	34.5	11.8	51.8

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#12

1,3-Dichlorobenzene

Concen: 35.381 ng

RT: 6.85 min Scan# 809

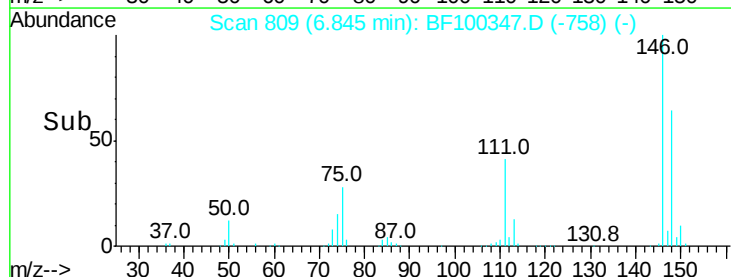
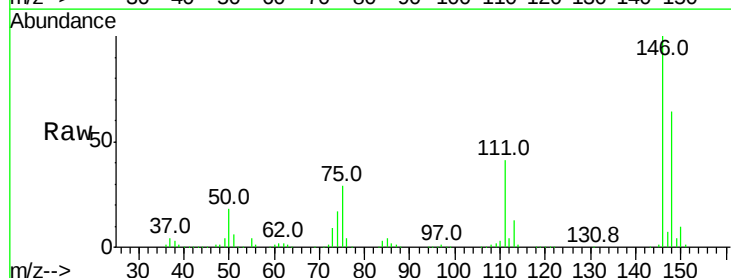
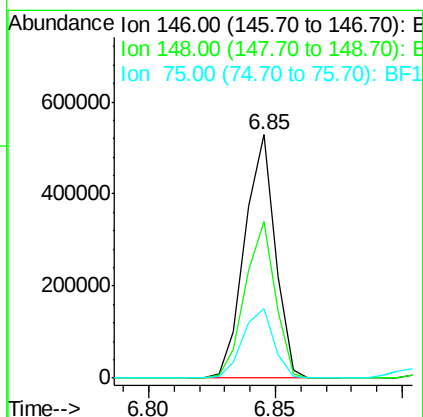
Delta R.T. -0.00 min

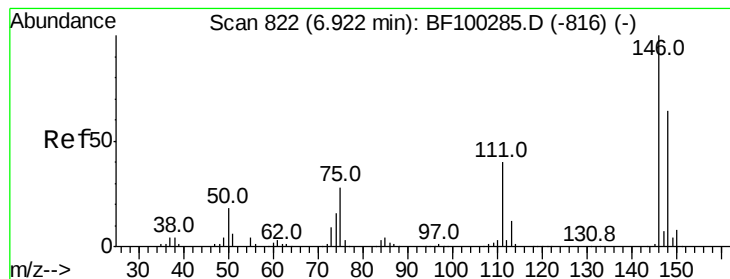
Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion: 146 Resp: 439987

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	28.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.235 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB103993BS

Tot Ion:146 Resp: 443482

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

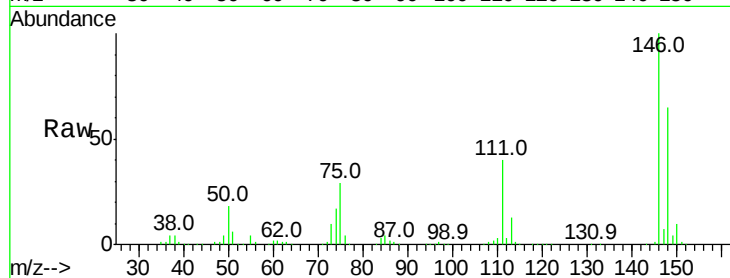
111 40.2 34.2 51.2

Manual Integrations

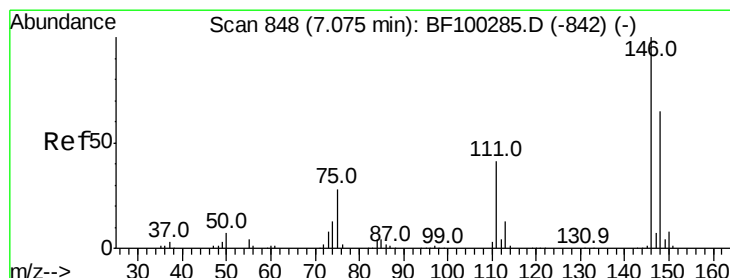
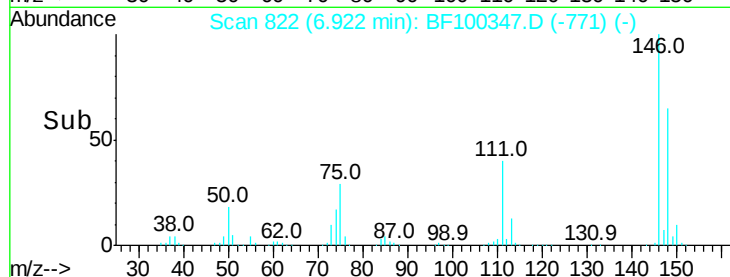
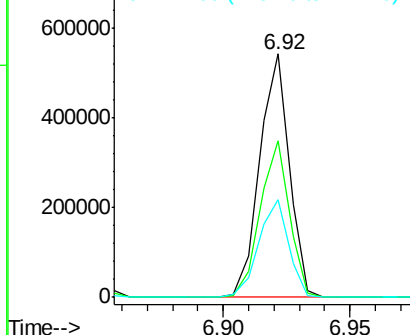
APPROVED

Sohil

11/10/2017 1:15:07 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.676 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

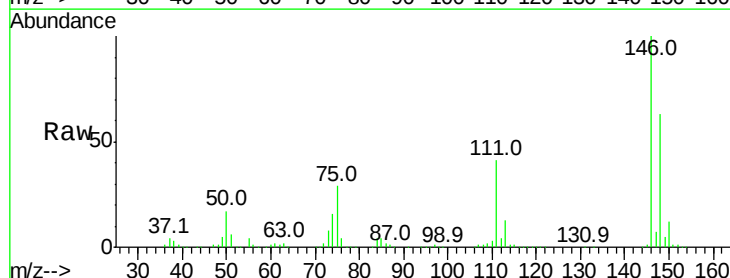
Tgt Ion:146 Resp: 415176

Ion Ratio Lower Upper

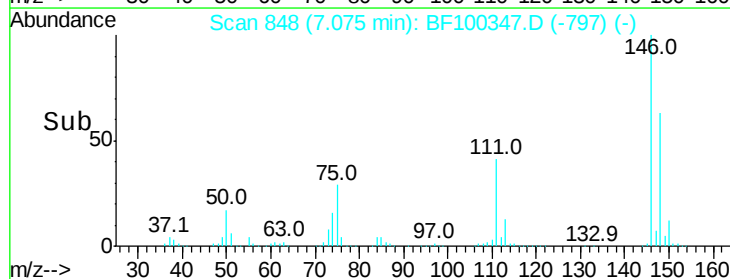
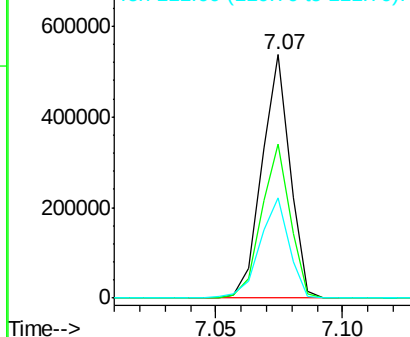
146 100

148 63.5 50.6 75.8

111 41.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.991 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

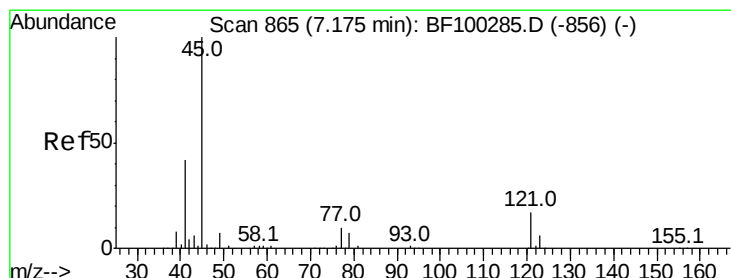
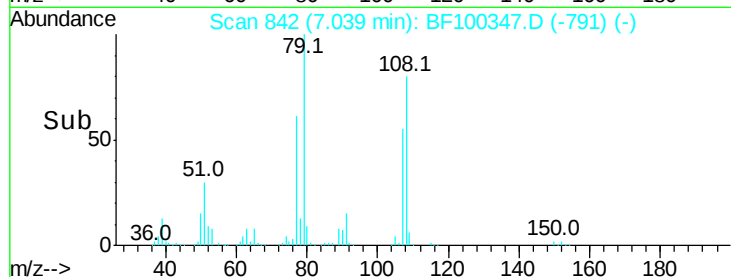
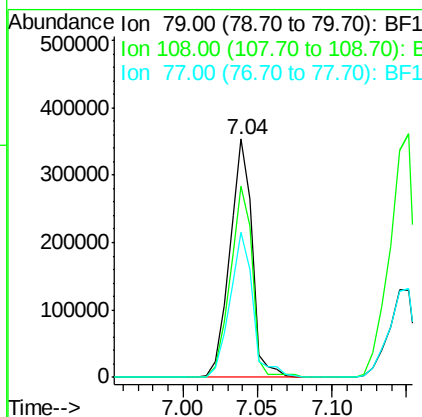
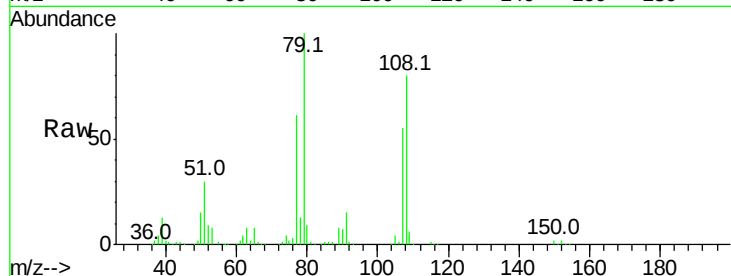
ClientSampleId :

PB103993BS

Tot Ion:	79	Resp:	372794
Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	61.0	50.6	75.8

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.296 ng

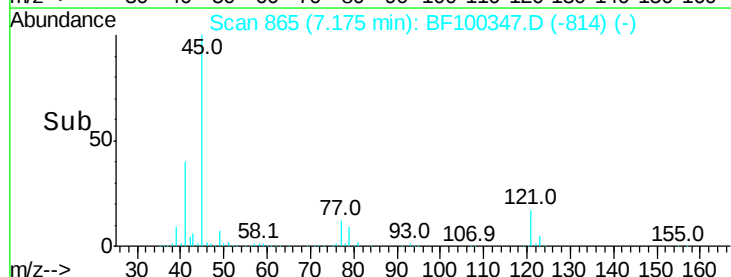
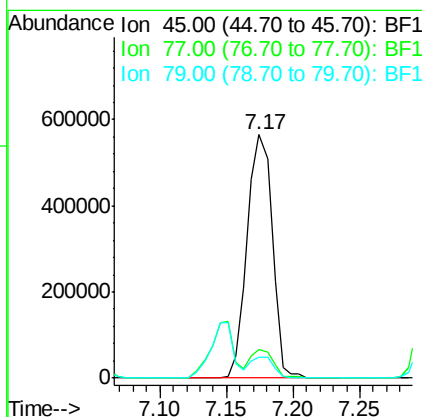
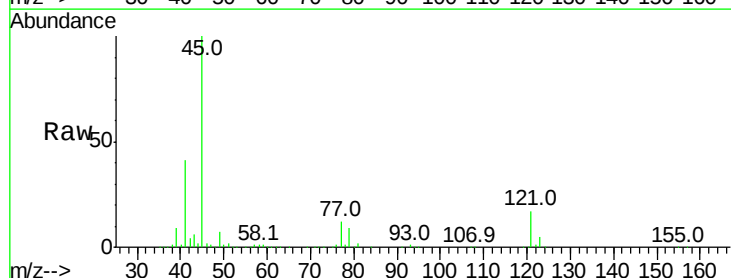
RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion:	45	Resp:	732242
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.9
79	8.8	0.0	29.6





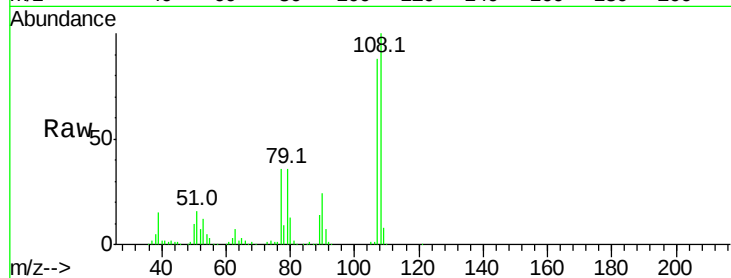
#17
2-Methylphenol
Concen: 38.661 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

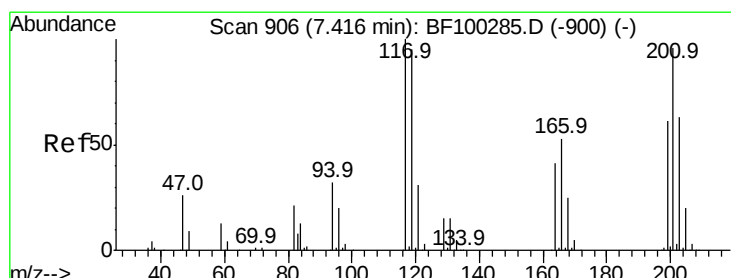
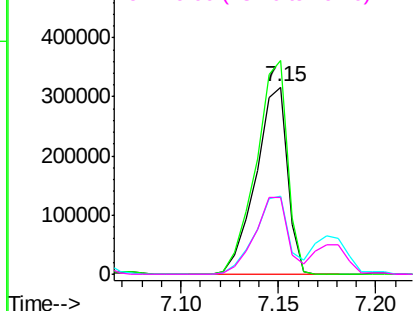
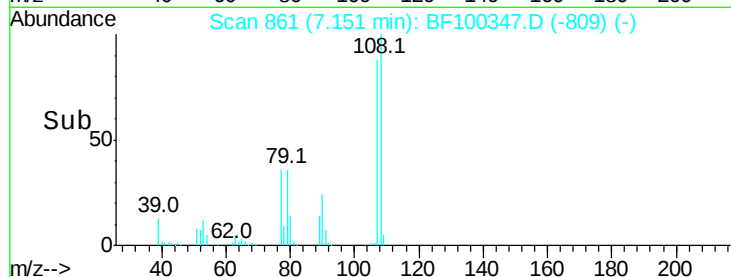
Tot Ion	107	Resp	356362
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.7	137.5
77	41.6	33.8	50.8
79	40.7	33.8	50.8

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM

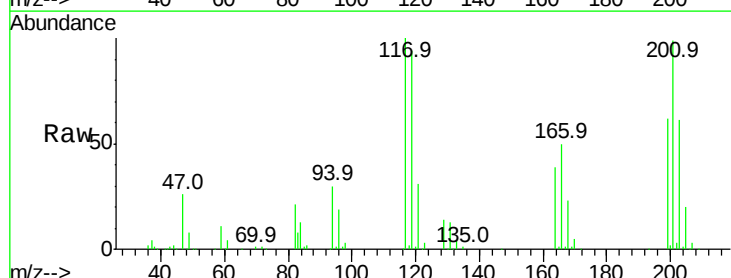


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

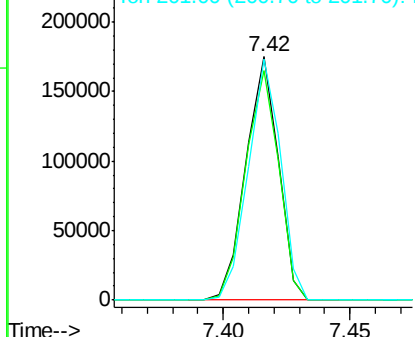
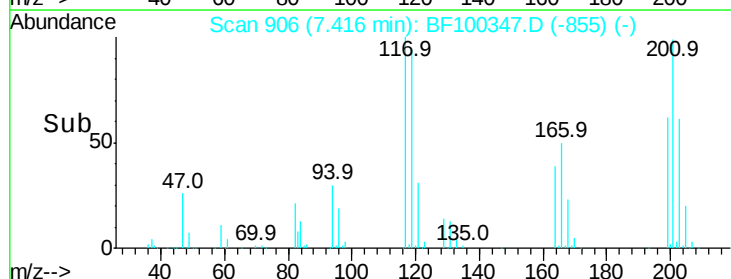


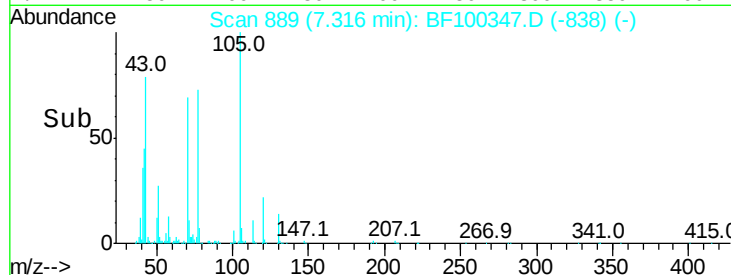
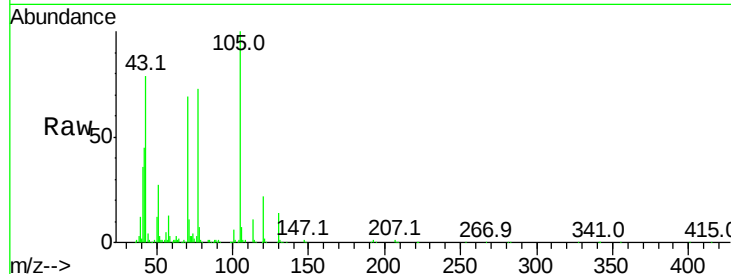
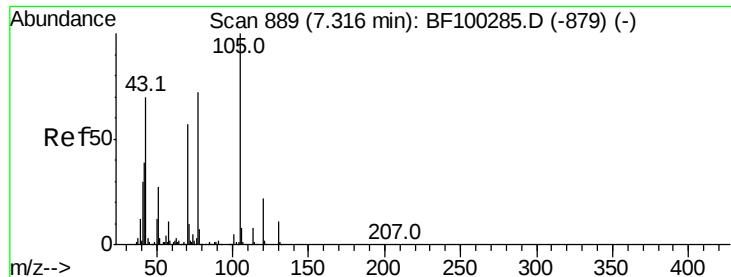
#18
Hexachloroethane
Concen: 37.716 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	117	Resp	156519
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.8	113.8
201	99.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.400 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF100347.D

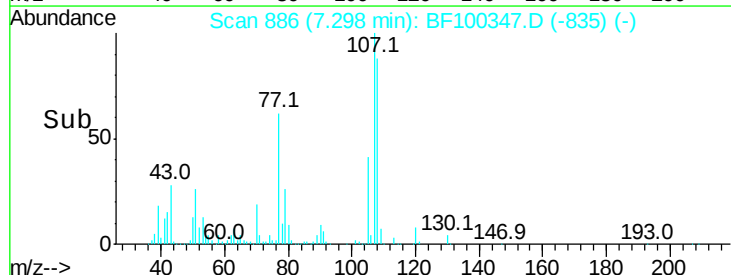
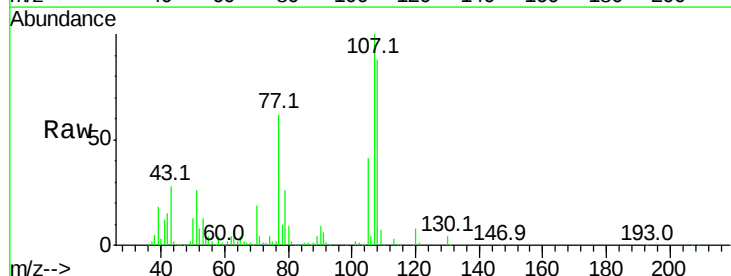
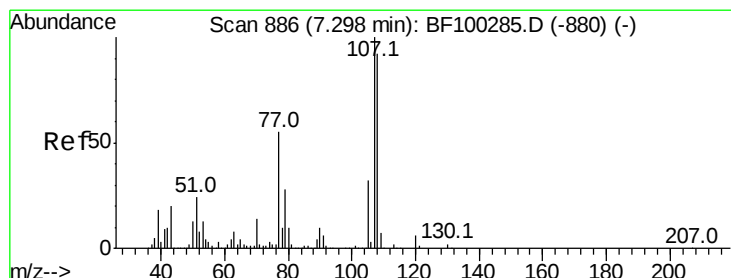
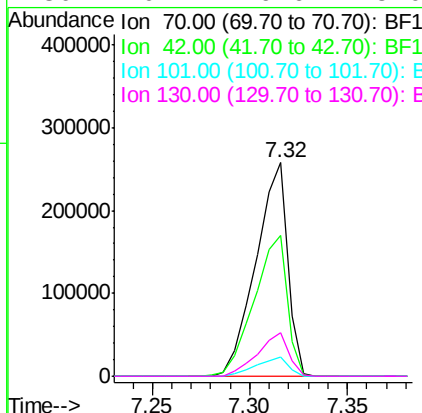
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	9.3	7.4	11.2
130	20.7	16.6	25.0

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#20

3+4-Methylphenols

Concen: 37.155 ng

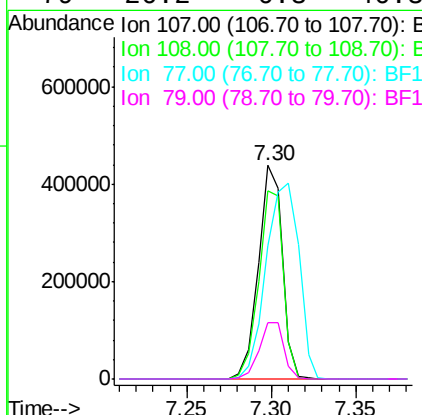
RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.2	108.2
77	62.3	26.7	66.7
79	26.2	6.3	46.3





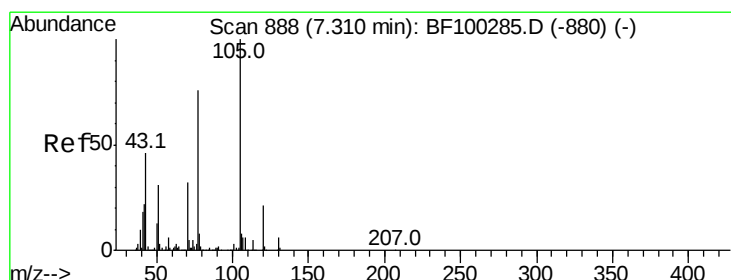
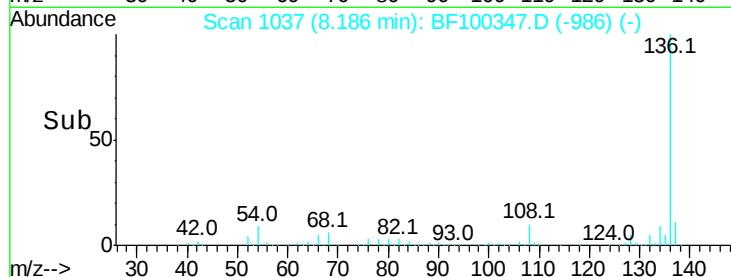
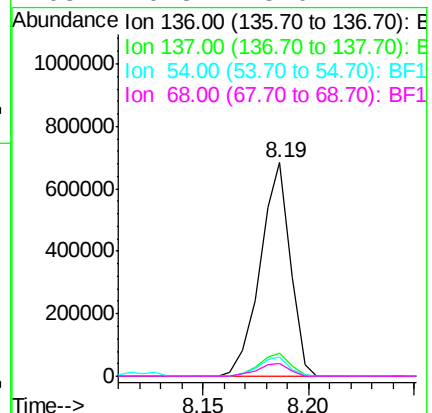
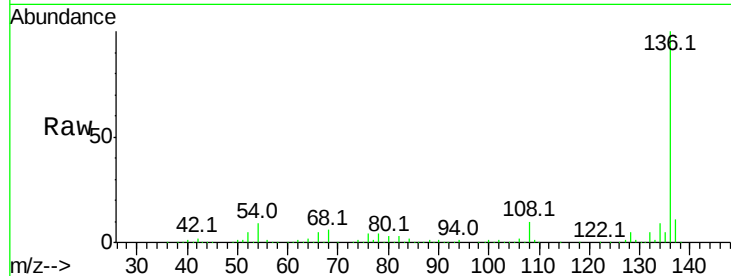
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	674958		
137	10.9		8.9	13.3
54	8.8		6.6	9.8
68	6.3		5.0	7.4

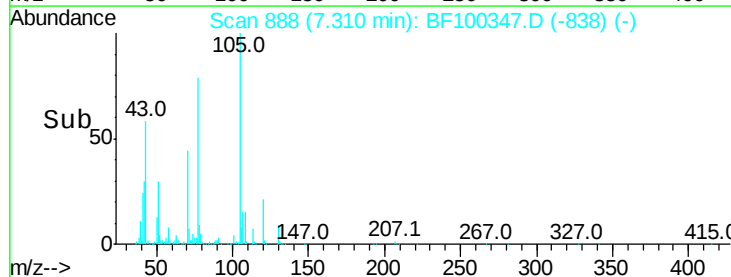
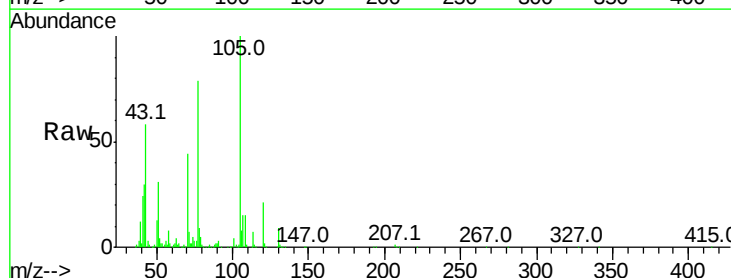
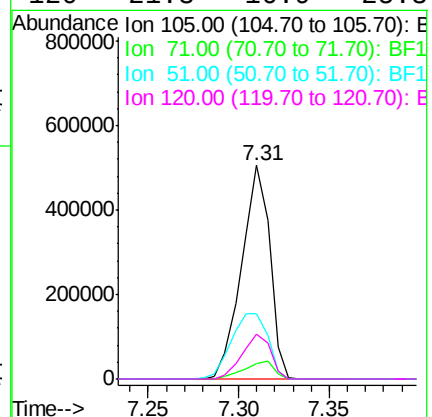
Manual Integrations
APPROVED

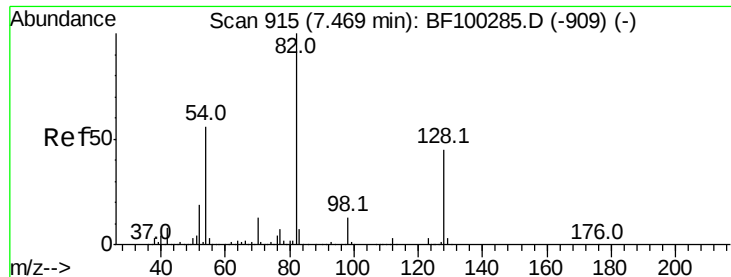
Sohil
11/10/2017 1:15:07 PM



#22
Acetophenone
Concen: 33.321 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	548417		
71	7.4		4.4	6.6#
51	30.6		22.3	33.5
120	21.3		16.9	25.3





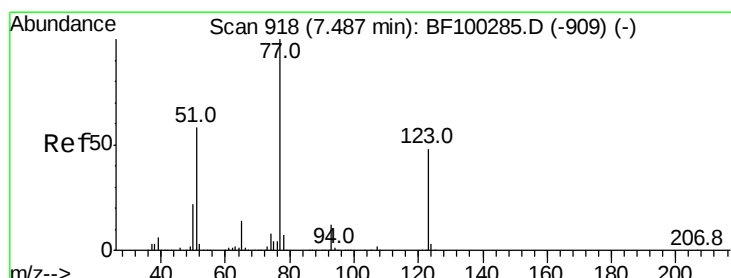
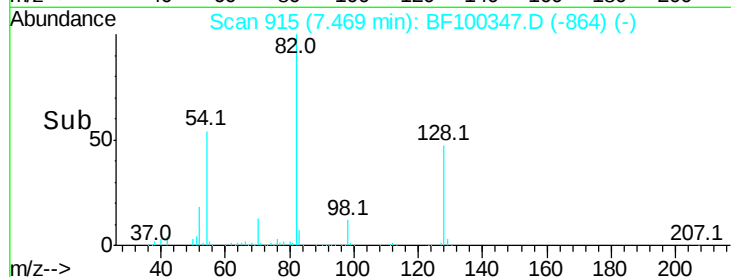
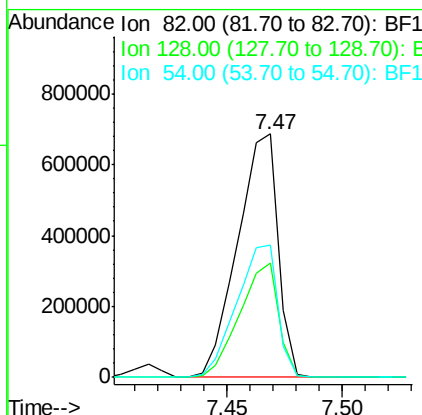
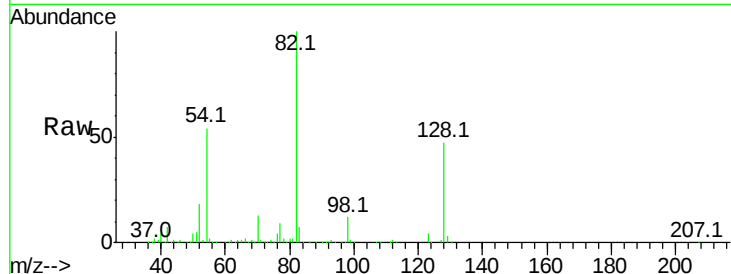
#23
Nitrobenzene-d5
Concen: 82.411 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampled :
PB103993BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	54.4	41.4	62.2

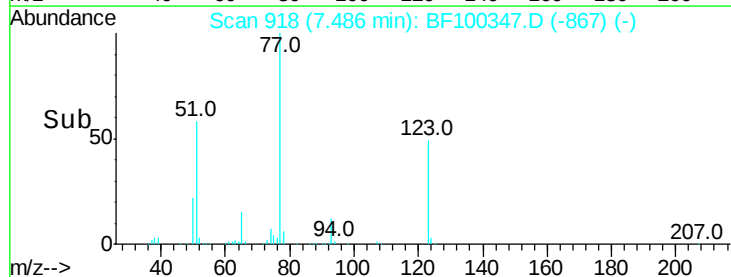
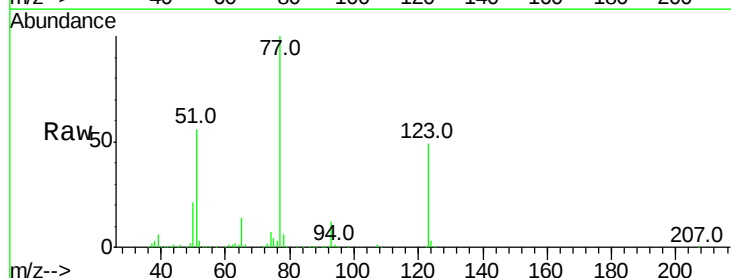
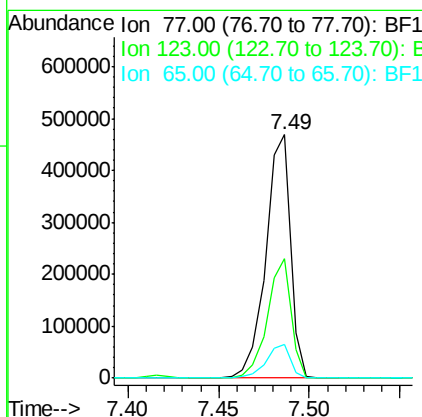
Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#24
Nitrobenzene
Concen: 42.325 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.9	56.9
65	13.7	11.0	16.4





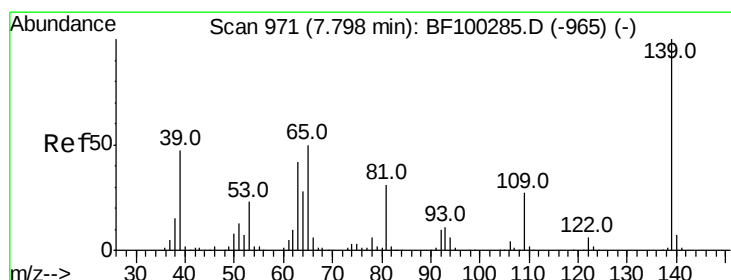
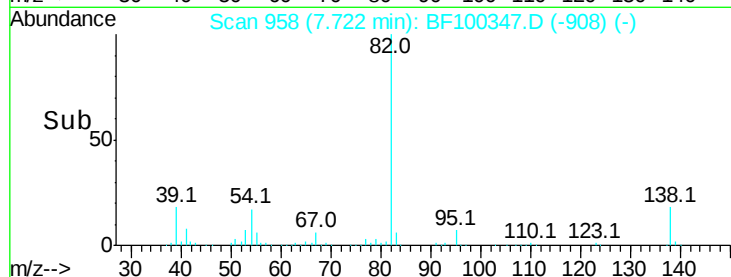
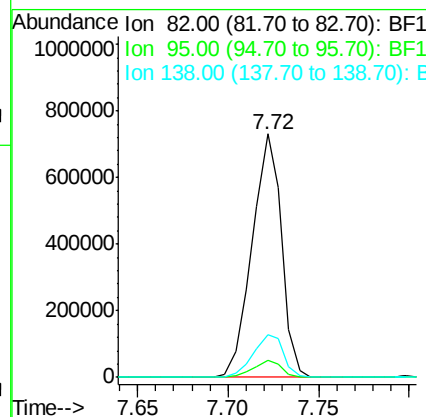
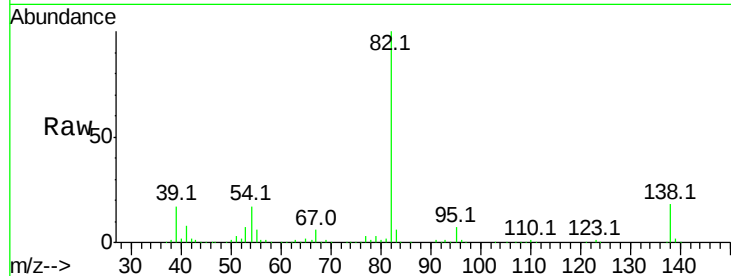
#25
Isophorone
Concen: 38.314 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	17.8	14.9	22.3

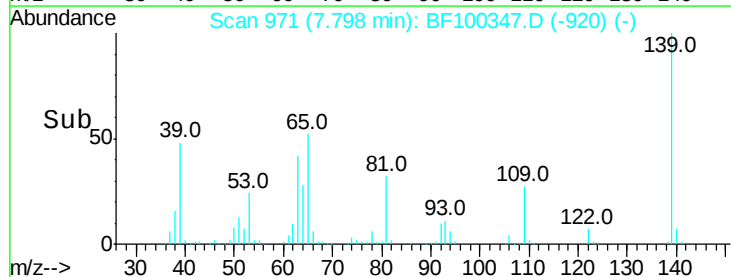
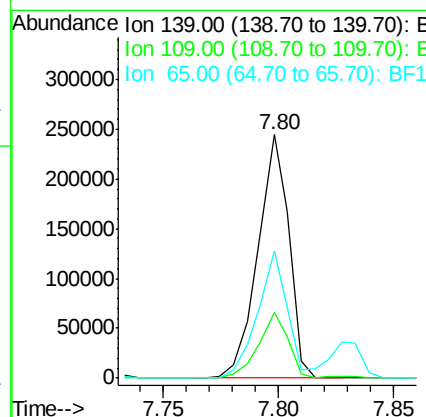
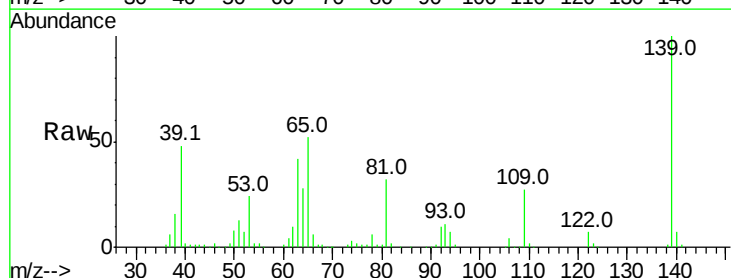
Manual Integrations
APPROVED

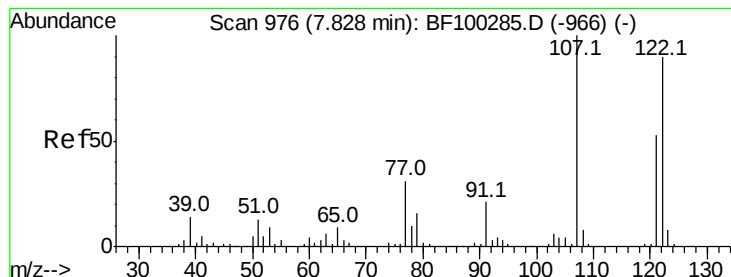
Sohil
11/10/2017 1:15:07 PM



#26
2-Nitrophenol
Concen: 46.486 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.2	22.7	34.1
65	52.1	40.5	60.7





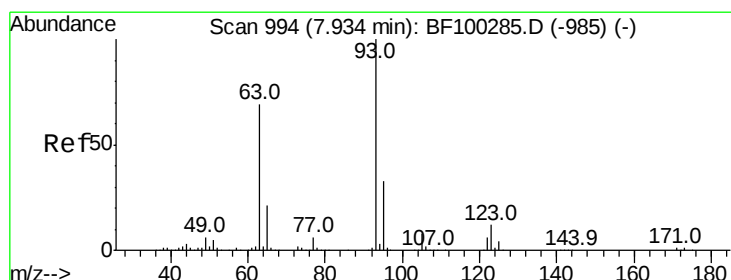
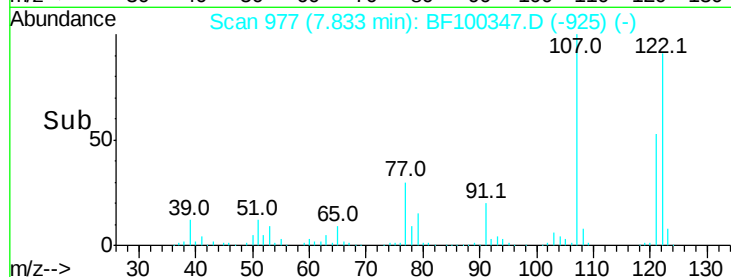
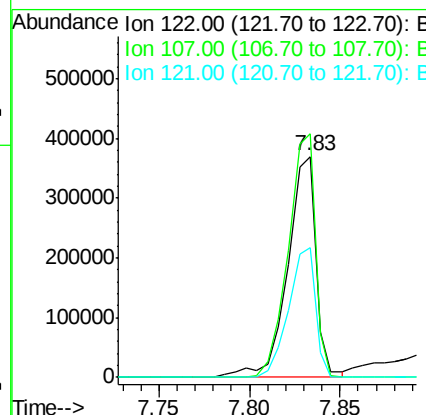
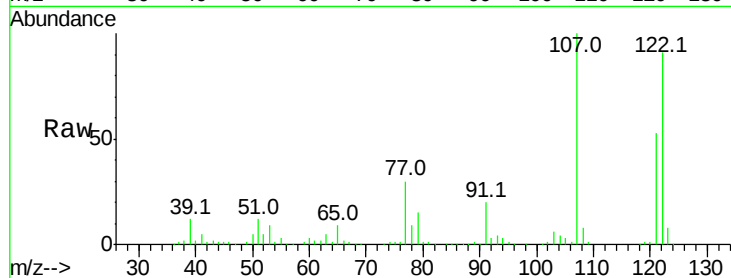
#27
2,4-Dimethylphenol
Concen: 42.412 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	58.8	47.2	70.8

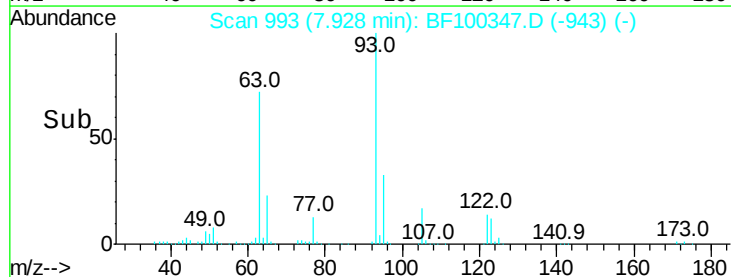
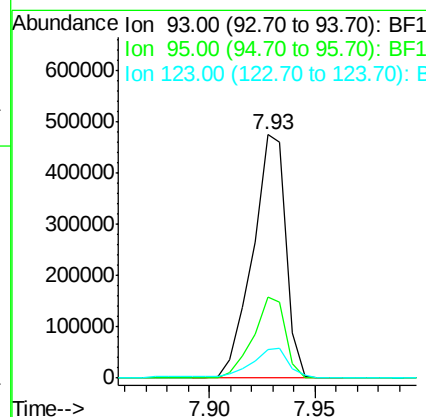
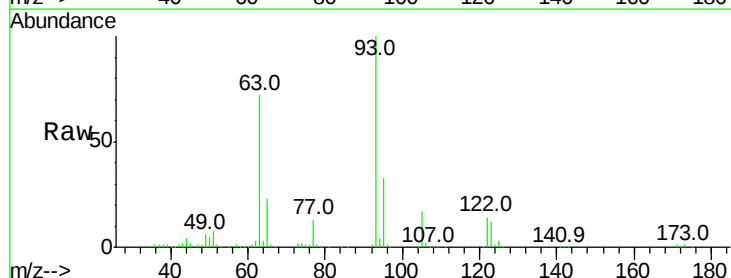
Manual Integrations
APPROVED

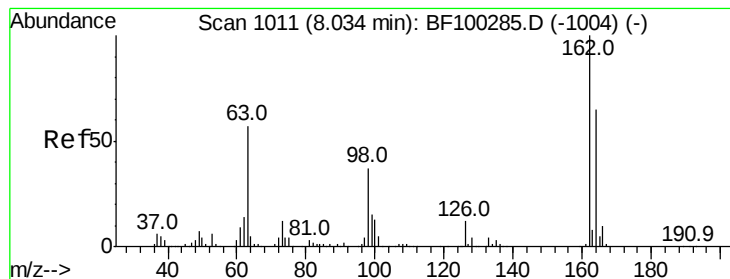
Sohil
11/10/2017 1:15:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.979 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 40.350 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

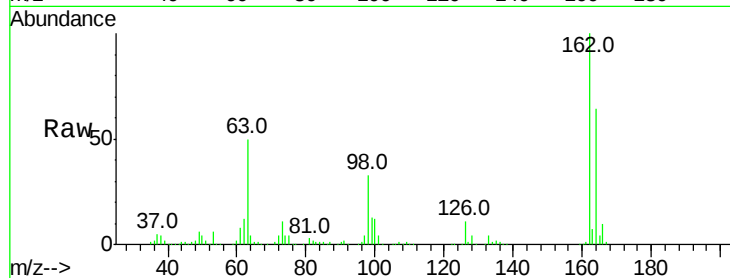
ClientSampleId :

PB103993BS

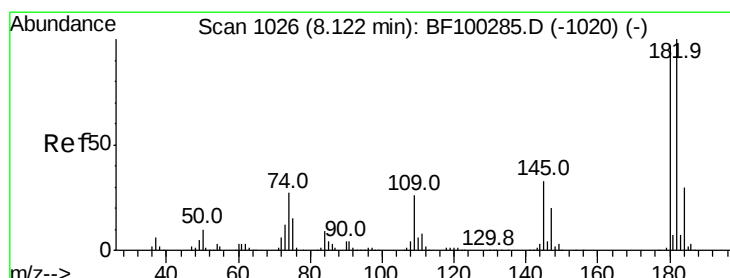
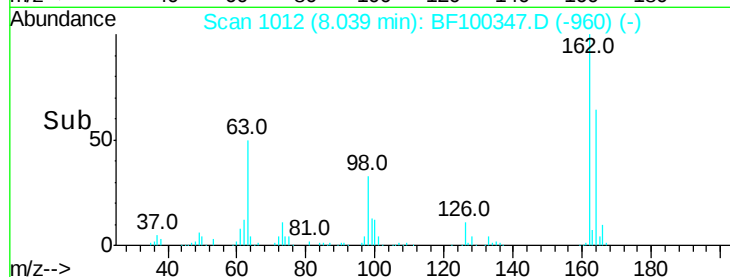
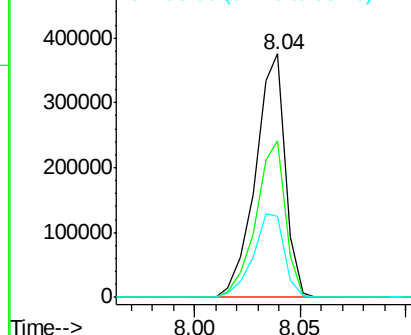
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	42.7	82.7	
98	33.5	18.1	58.1	

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.747 ng

RT: 8.12 min Scan# 1026

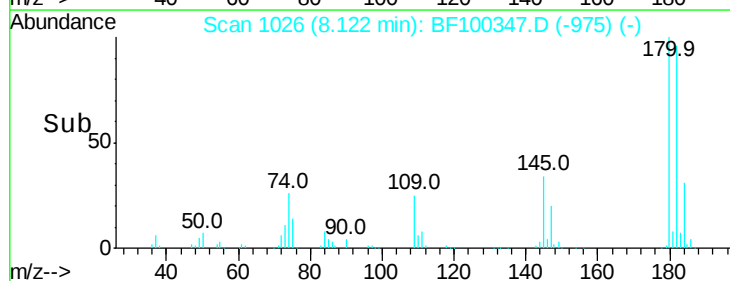
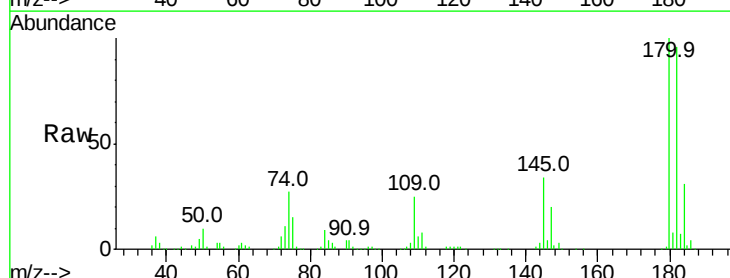
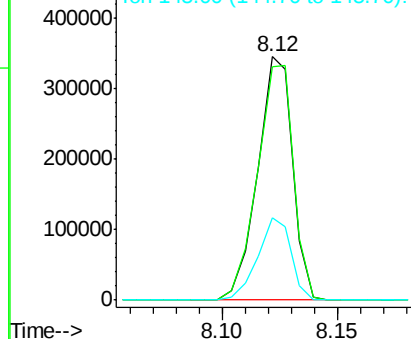
Delta R.T. 0.00 min

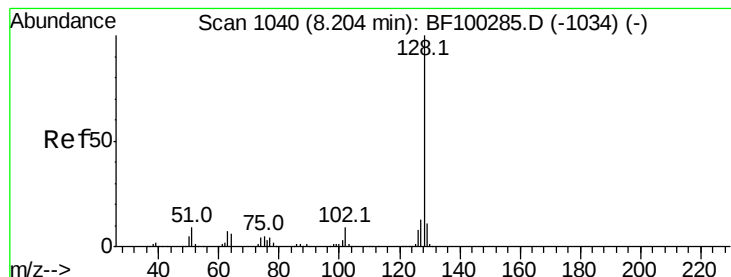
Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	76.8	115.2	
145	33.7	26.5	39.7	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.297 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB103993BS

Tot Ion:128 Resp: 1179989

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

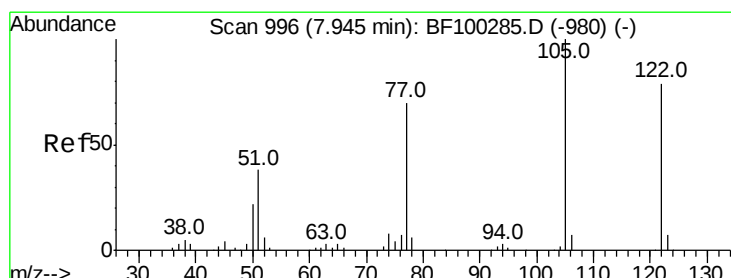
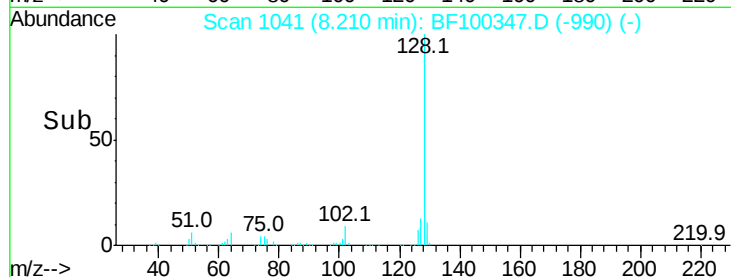
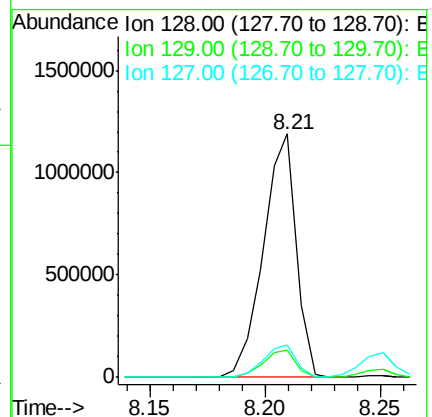
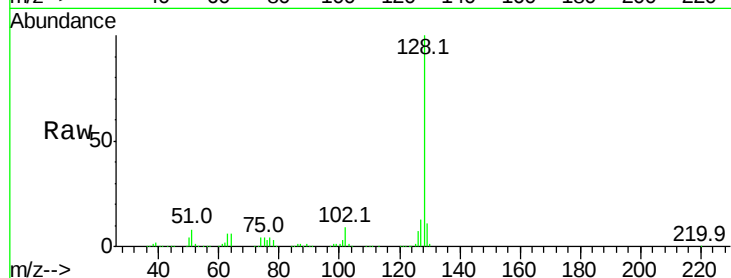
127 13.3 10.9 16.3

Manual Integrations

APPROVED

Sohil

11/10/2017 1:15:07 PM



#32

Benzoic acid

Concen: 40.156 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

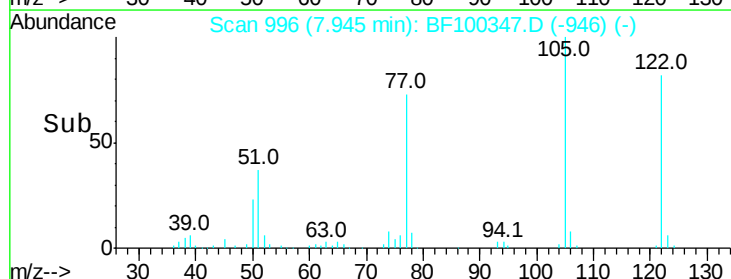
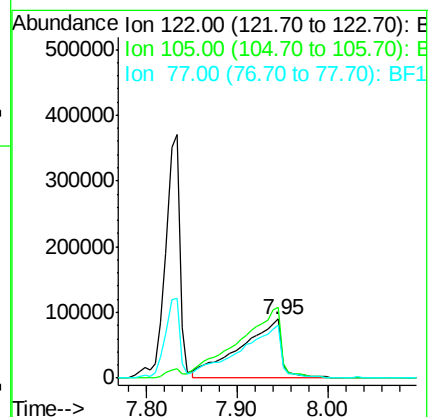
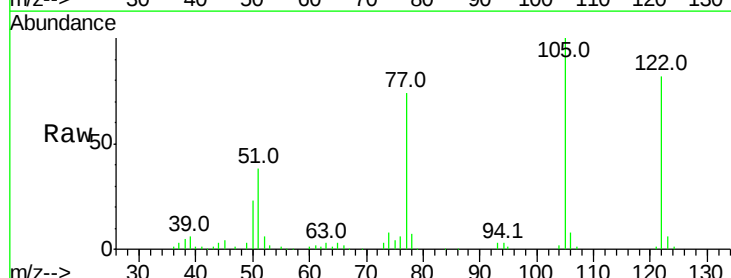
Tgt Ion:122 Resp: 281714

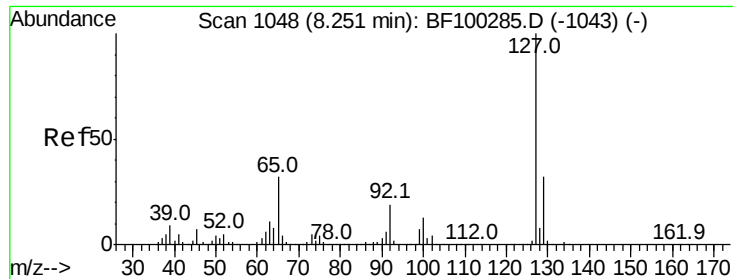
Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

77 90.1 70.7 110.7





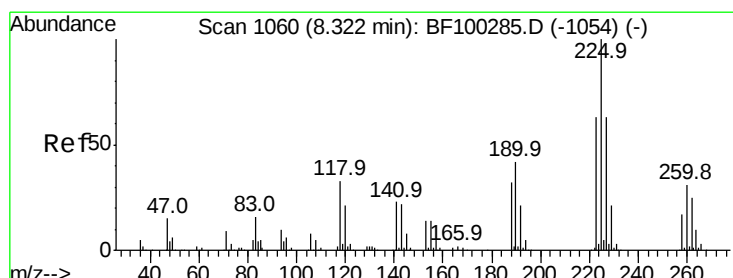
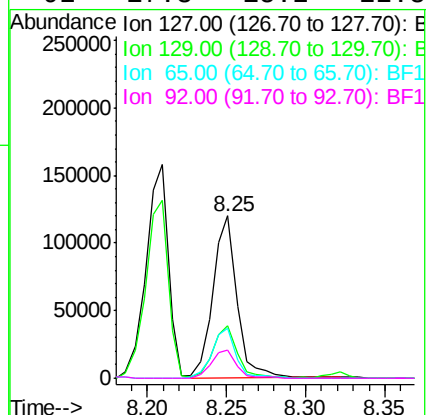
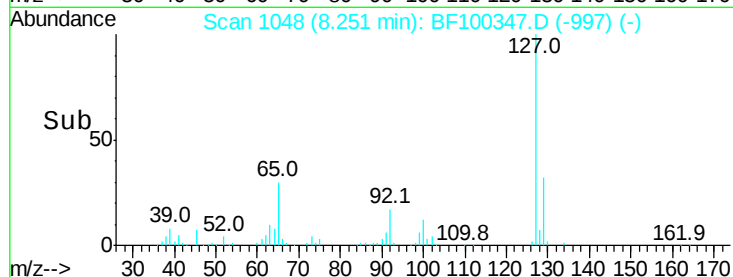
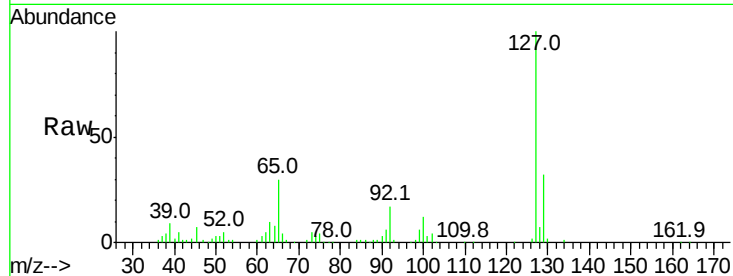
#33
4-Chloroaniline
Concen: 9.333 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	30.4	25.0	37.4	
92	17.3	15.2	22.8	

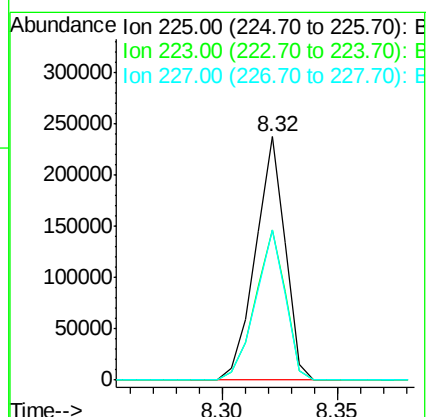
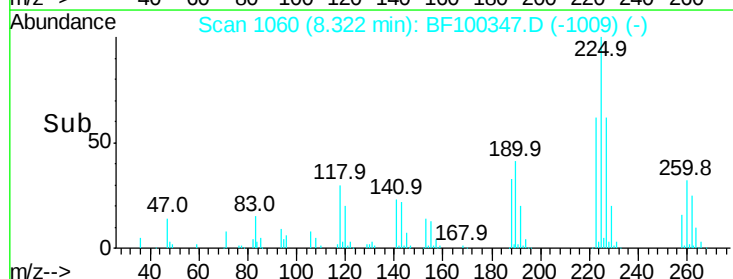
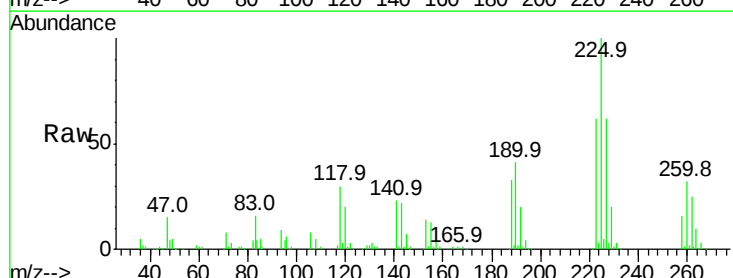
Manual Integrations
APPROVED

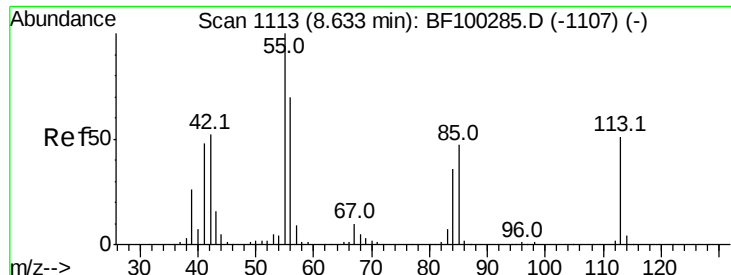
Sohil
11/10/2017 1:15:07 PM



#34
Hexachlorobutadiene
Concen: 36.236 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	61.6	51.9	77.9	





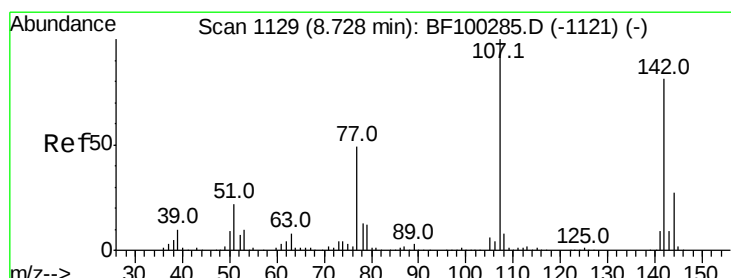
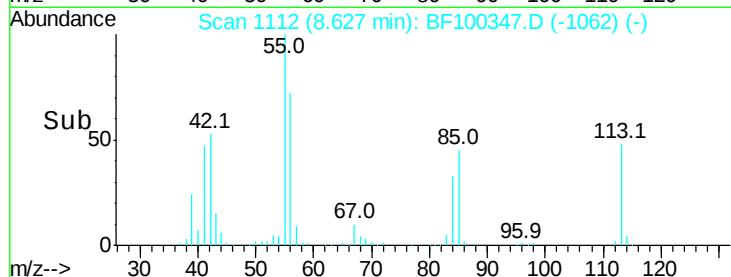
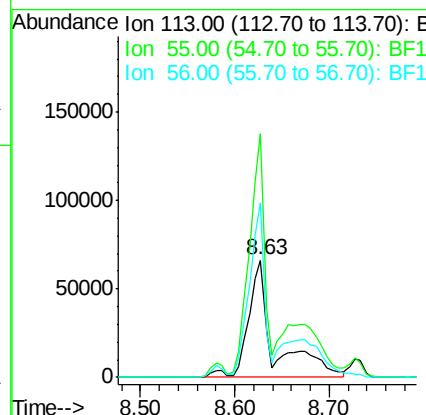
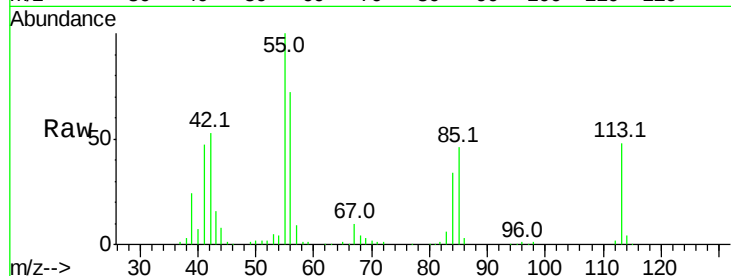
#35
 Caprolactam
 Concen: 40.025 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleID :
 PB103993BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	207.5	163.3	203.3	
56	148.5	115.7	155.7	

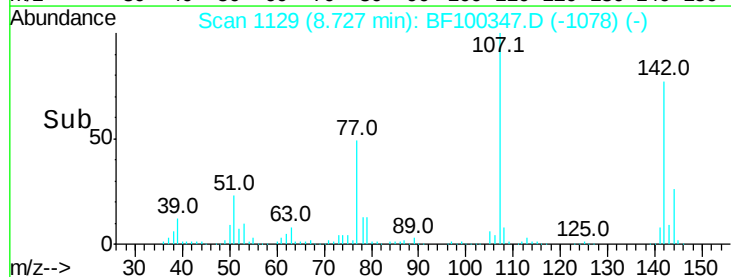
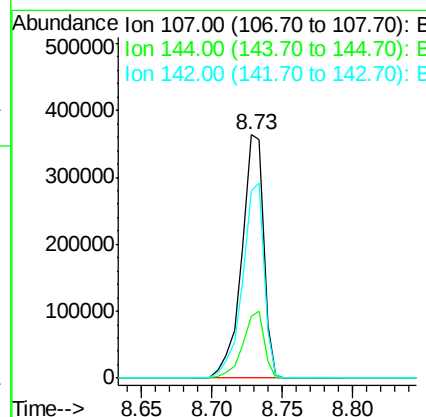
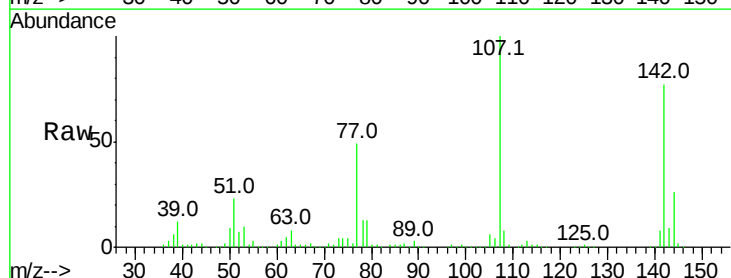
Manual Integrations
 APPROVED

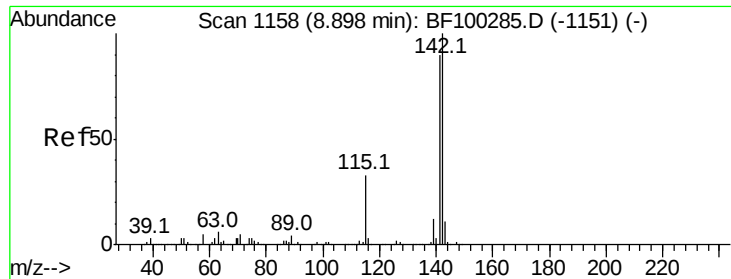
Sohil
 11/10/2017 1:15:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.997 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.6	20.5	30.7	
142	77.1	62.0	93.0	





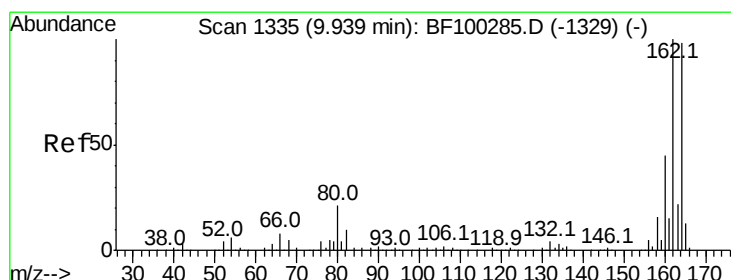
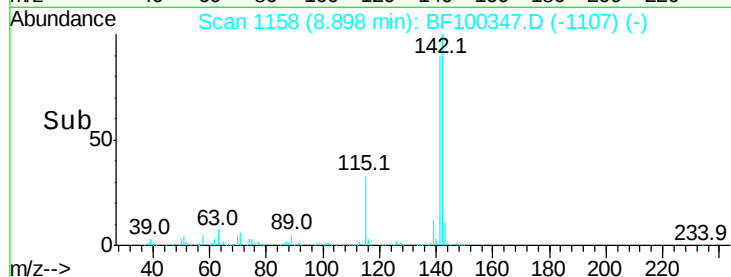
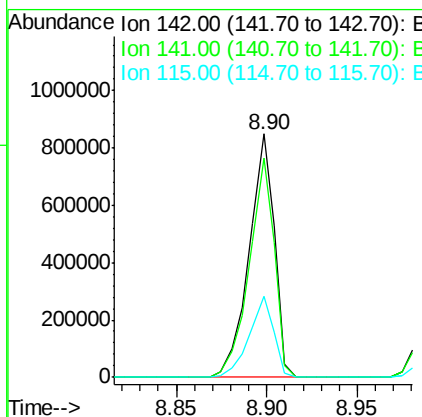
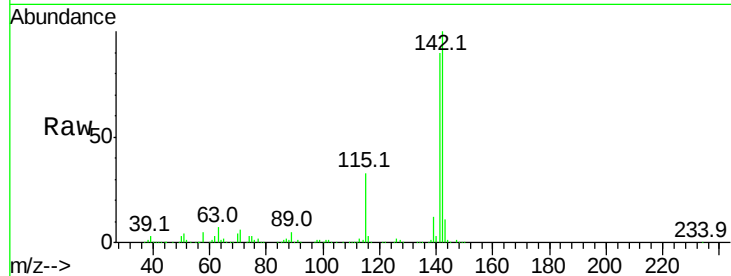
#37
2-Methylnaphthalene
Concen: 38.126 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	33.5	26.1	39.1

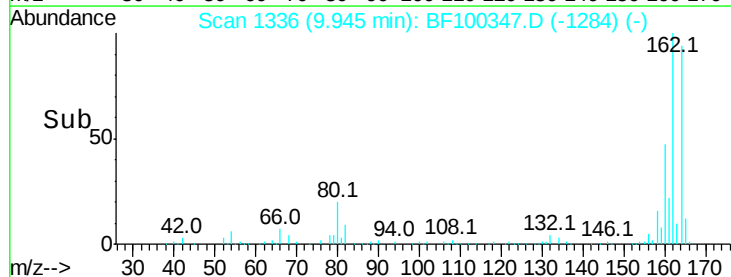
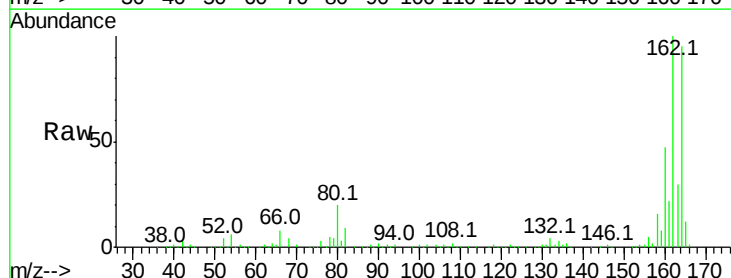
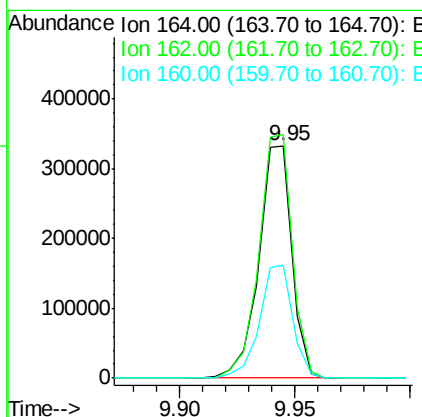
Manual Integrations
APPROVED

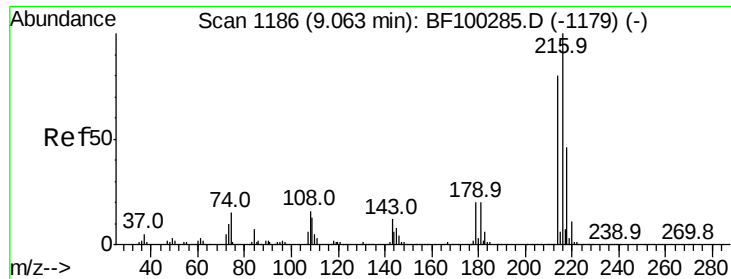
Sohil
11/10/2017 1:15:07 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.9	38.3	57.5





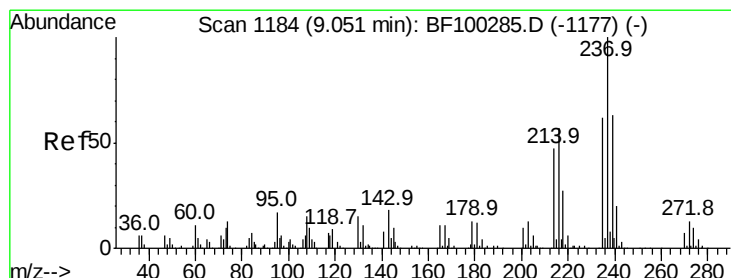
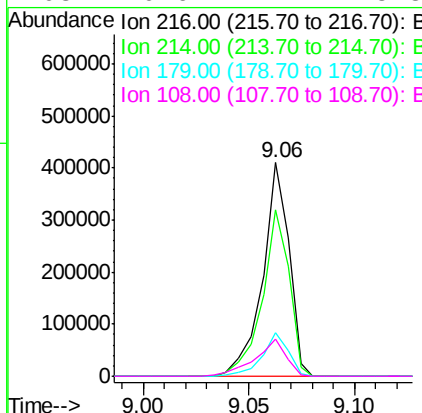
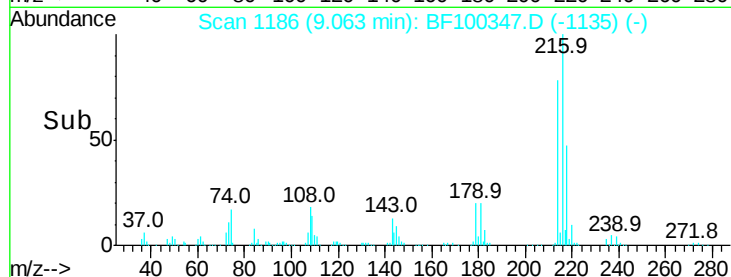
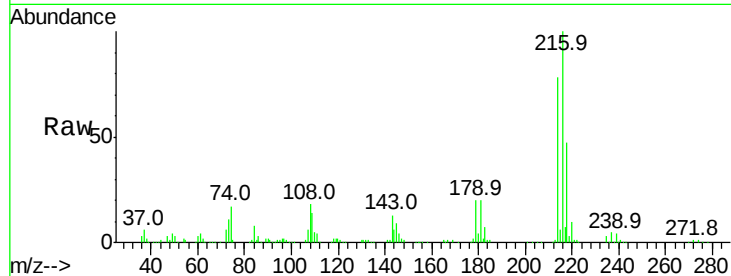
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.419 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	357874		
214	79.1	63.0	94.4	
179	20.2	18.1	27.1	
108	20.6	17.2	25.8	

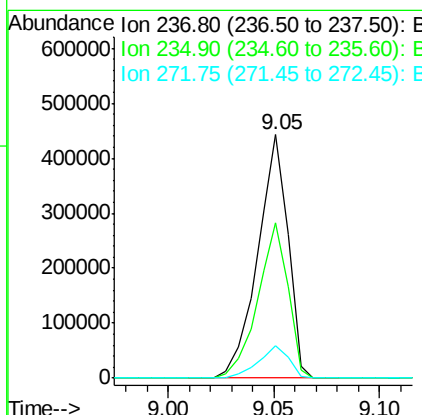
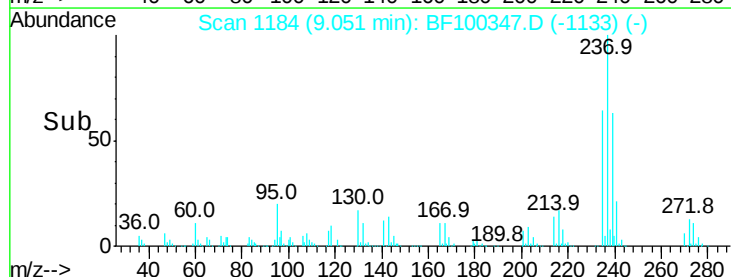
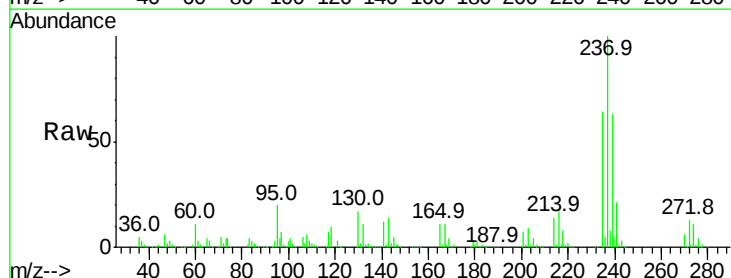
Manual Integrations
 APPROVED

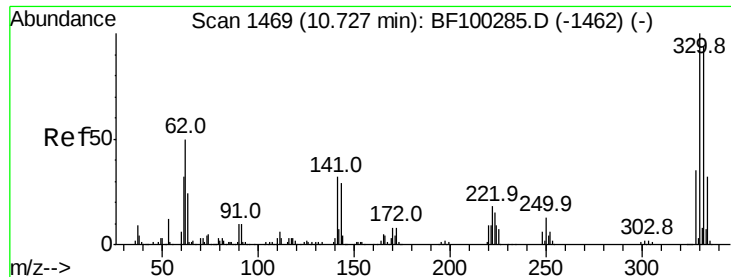
Sohil
 11/10/2017 1:15:07 PM



#40
 Hexachlorocyclopentadiene
 Concen: 84.709 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	440105		
235	63.6	44.8	84.8	
272	13.2	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 113.589 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

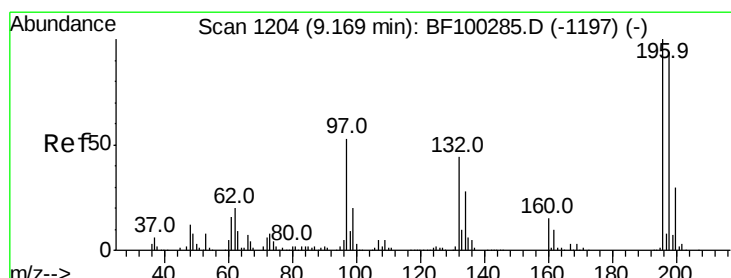
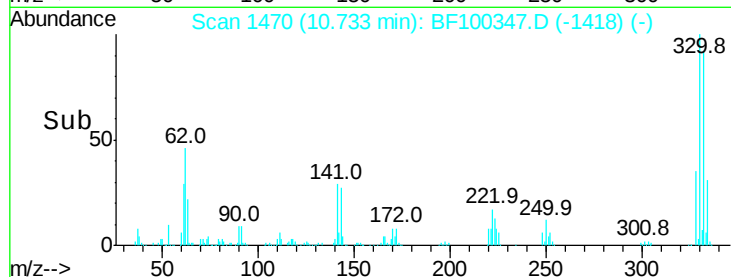
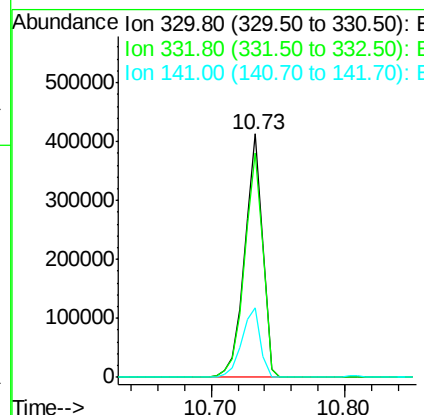
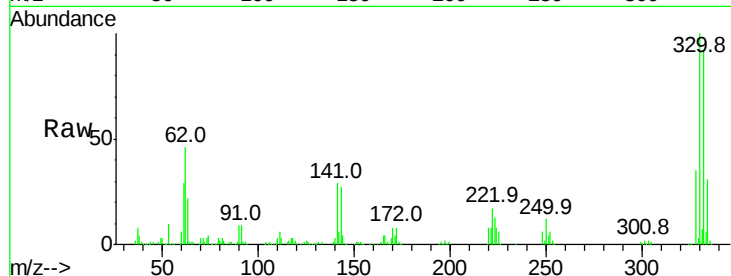
ClientSampled :

PB103993BS

Tot Ion:	330	Resp:	385266
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.0	115.6
141	30.1	29.9	44.9

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#42

2,4,6-Trichlorophenol

Concen: 39.853 ng

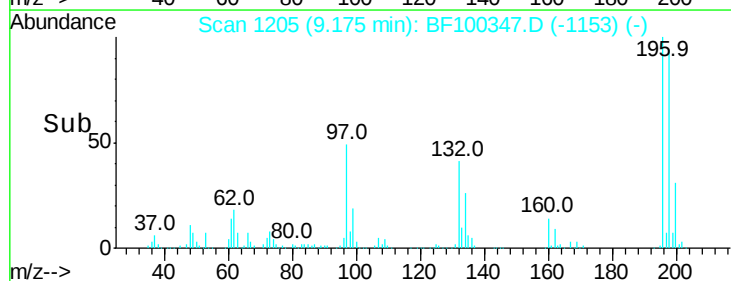
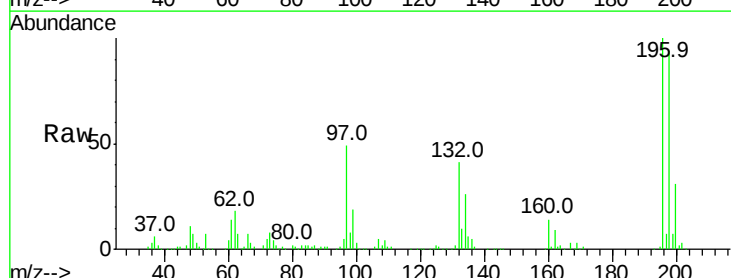
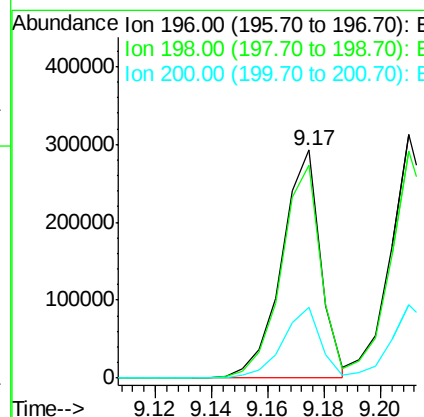
RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion:	196	Resp:	278827
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	30.9	24.5	36.7





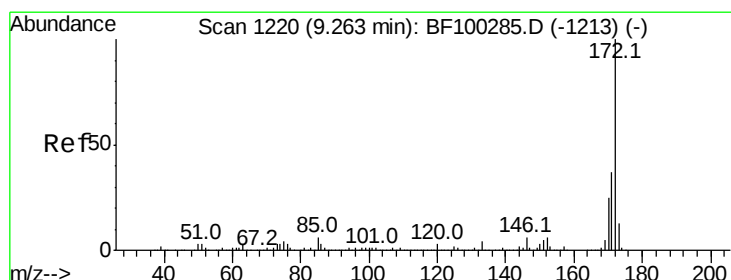
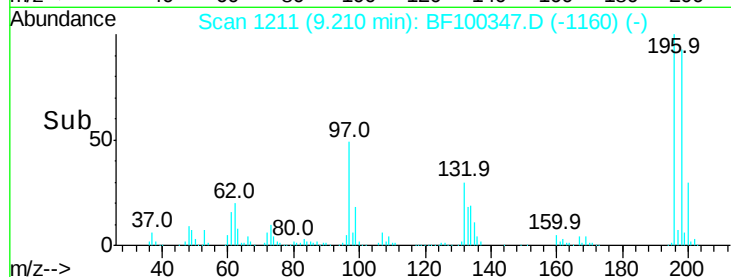
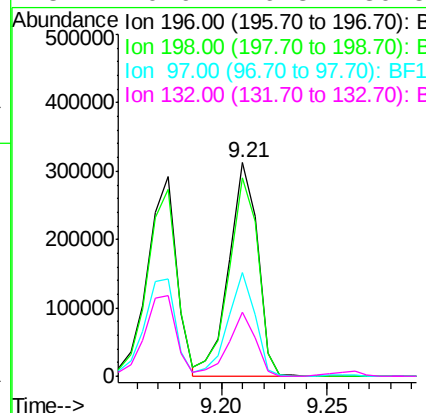
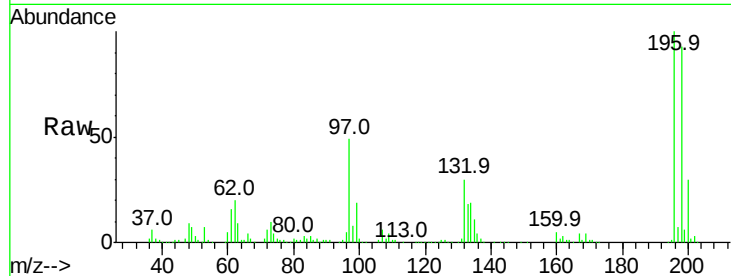
#43
 2,4,5-Trichlorophenol
 Concen: 40.543 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293886		
198	93.0	74.6	112.0	
97	48.7	42.9	64.3	
132	29.9	26.3	39.5	

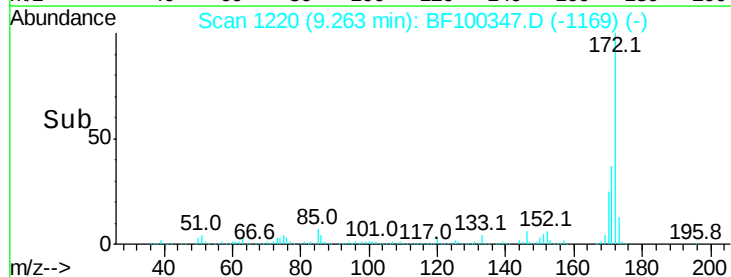
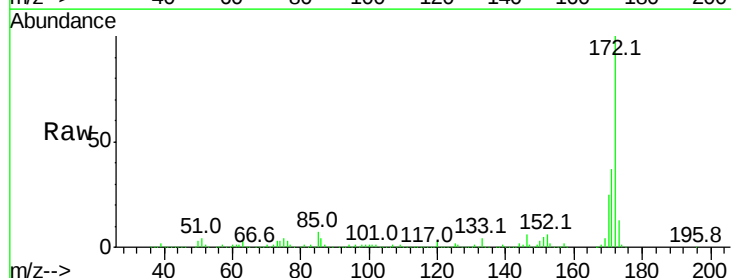
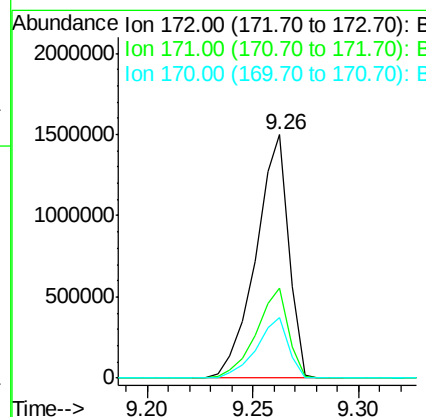
Manual Integrations
 APPROVED

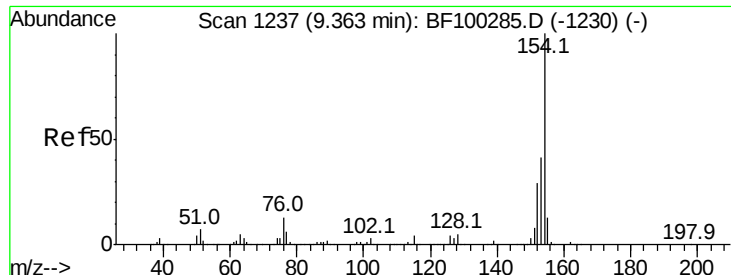
Sohil
 11/10/2017 1:15:07 PM



#44
 2-Fluorobiphenyl
 Concen: 73.858 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1614459		
171	37.0	29.7	44.5	
170	24.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 34.057 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

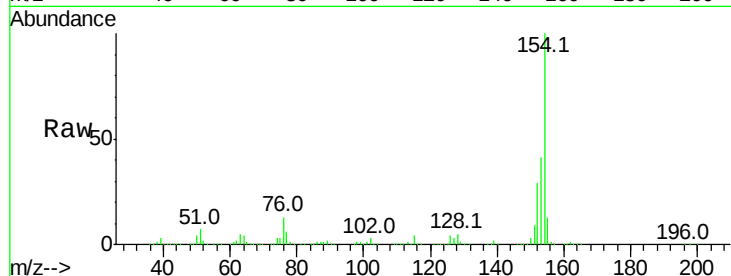
ClientSampled :

PB103993BS

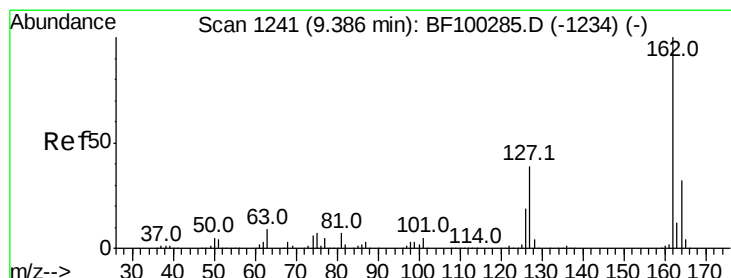
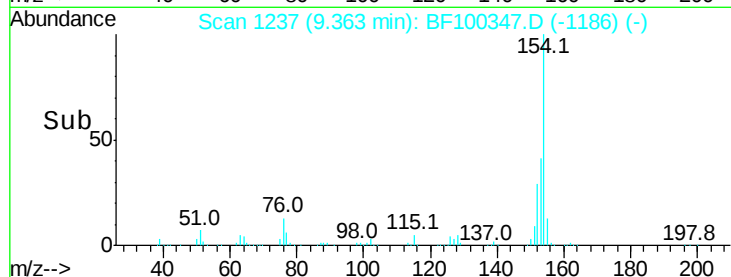
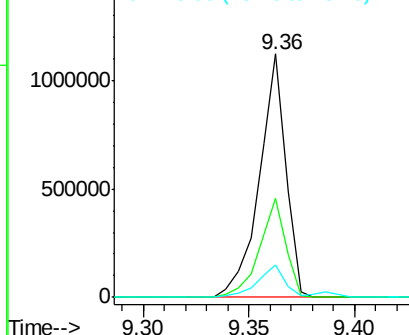
Tot Ion:	154	Resp:	980454
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.1	0.0	34.0

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.690 ng

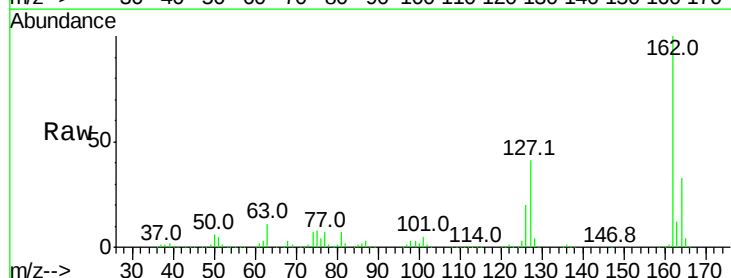
RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

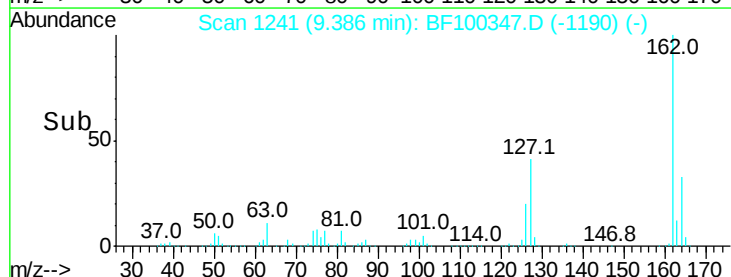
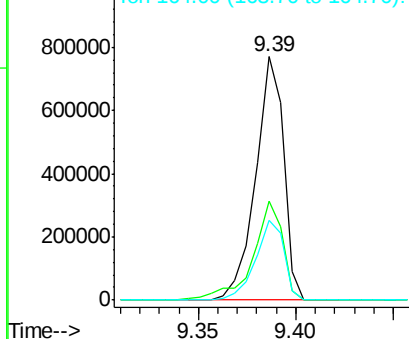
Lab File: BF100347.D

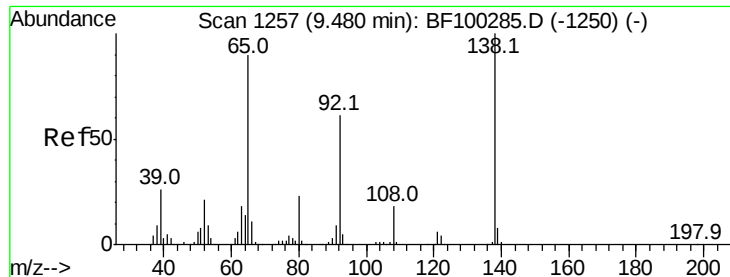
Acq: 9 Nov 2017 18:20

Tgt Ion:	162	Resp:	766262
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	32.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.893 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB103993BS

Tot Ion: 65 Resp: 262755
Ion Ratio Lower Upper

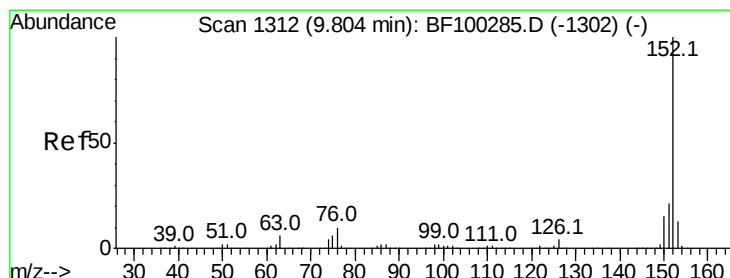
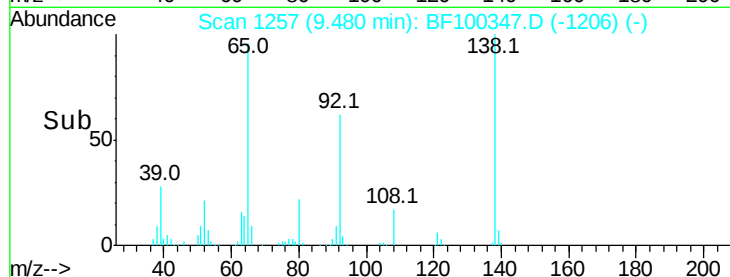
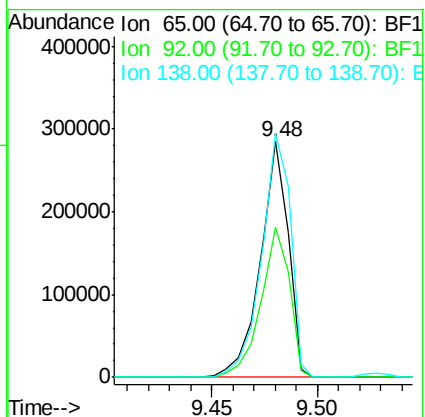
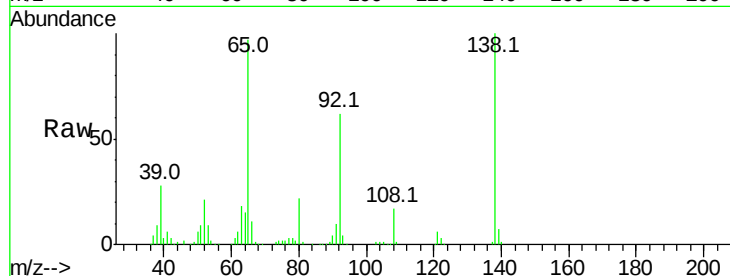
65 100

92 63.8 55.8 83.6

138 103.4 91.2 136.8

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#48

Acenaphthylene

Concen: 35.545 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100347.D

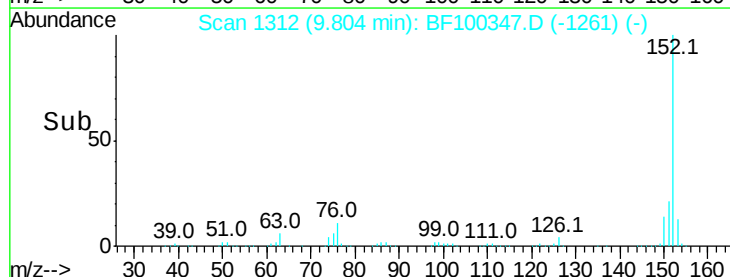
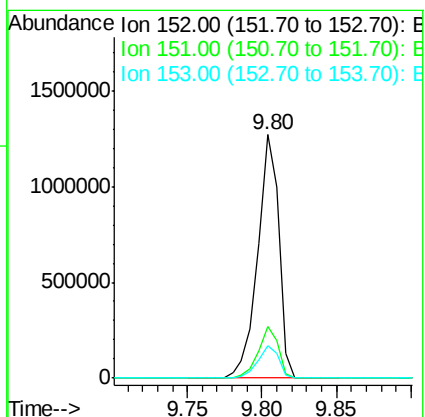
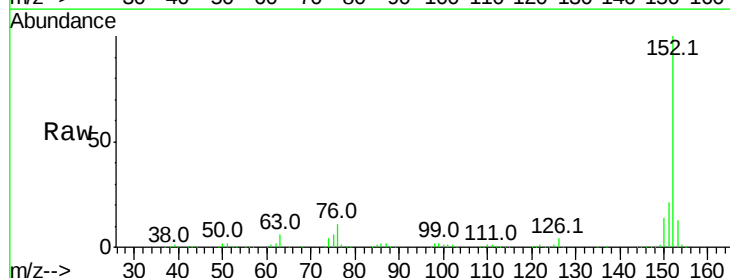
Acq: 9 Nov 2017 18:20

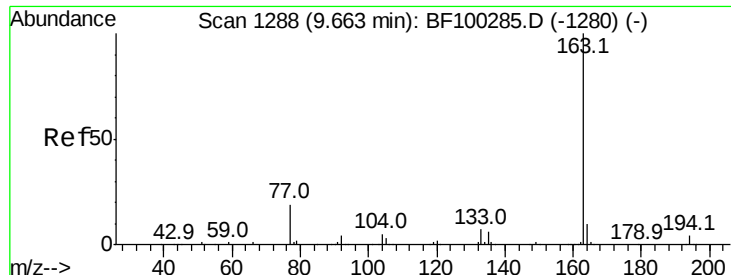
Tgt Ion: 152 Resp: 1230242
Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

153 13.5 10.7 16.1





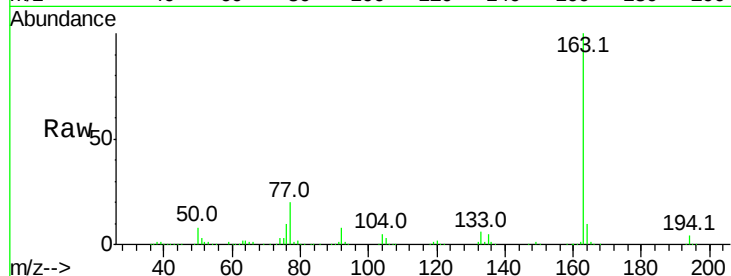
#49
Dimethylphthalate
Concen: 37.447 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleID :
PB103993BS

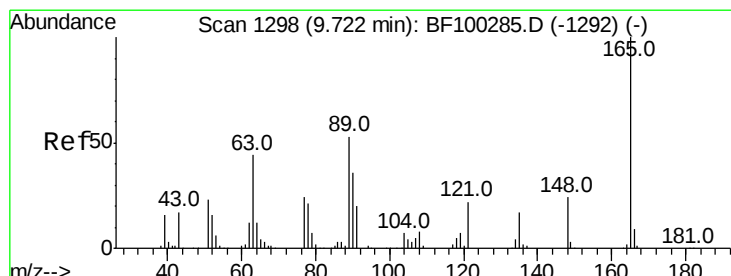
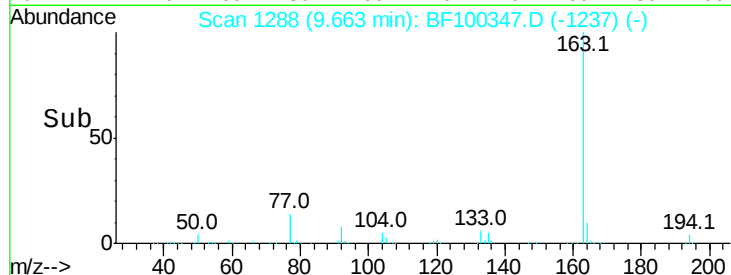
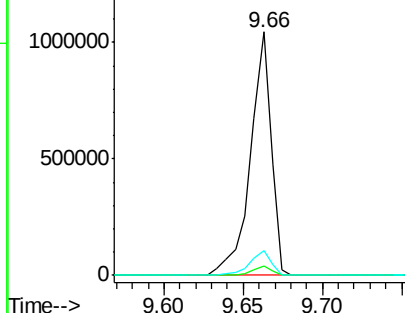
Tot Ion	Ratio	Resp	Lower	Upper
163	100	951668		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



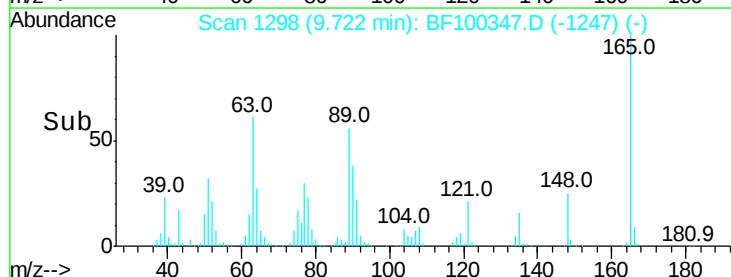
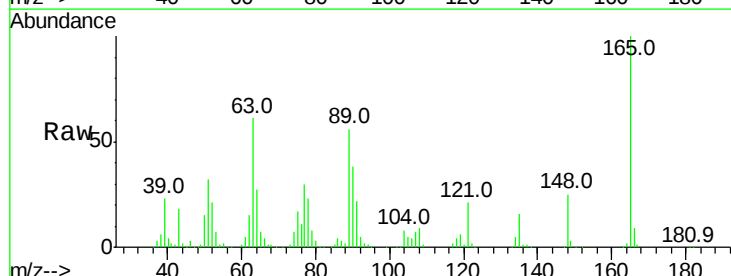
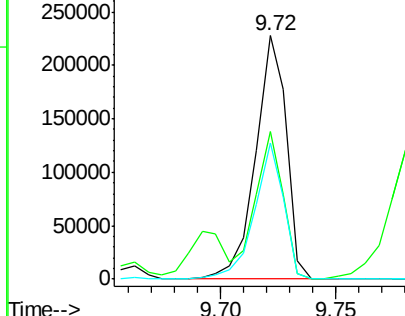
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

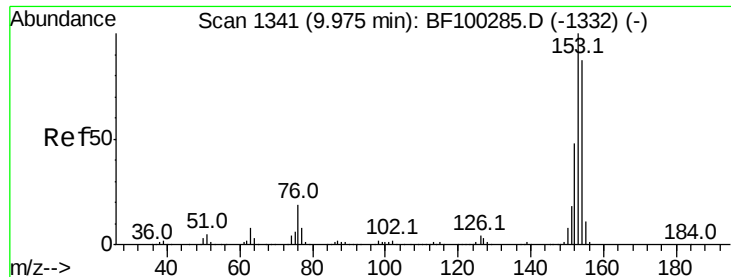


#50
2,6-Dinitrotoluene
Concen: 42.139 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211979		
63	60.5		44.7	67.1
89	55.9		44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.268 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

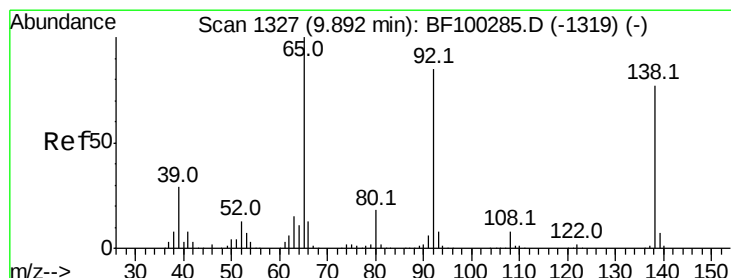
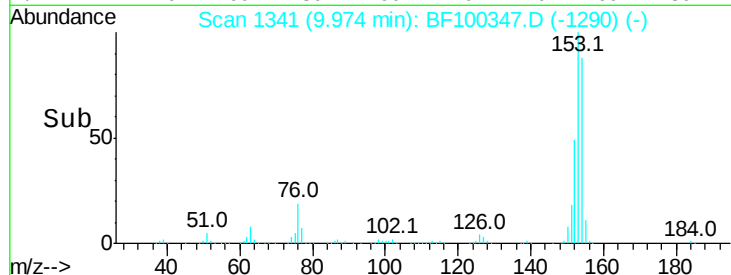
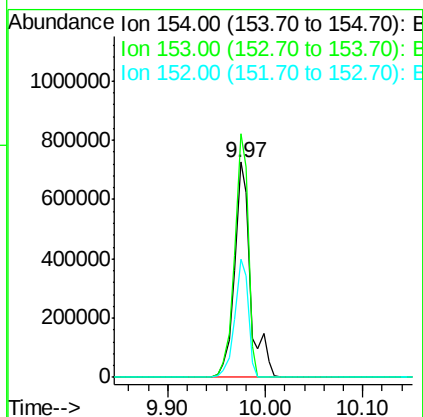
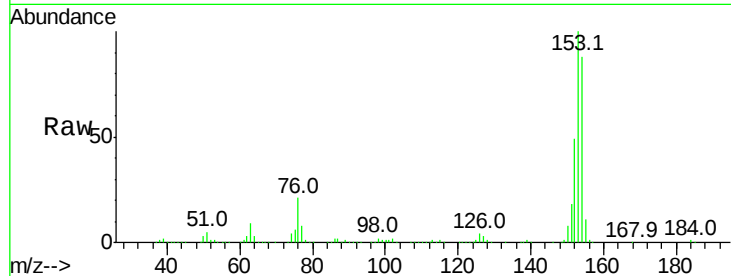
ClientSampleId :

PB103993BS

Tot Ion:	154	Resp:	826584
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	55.1	43.8	65.8

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#52

3-Nitroaniline

Concen: 17.628 ng

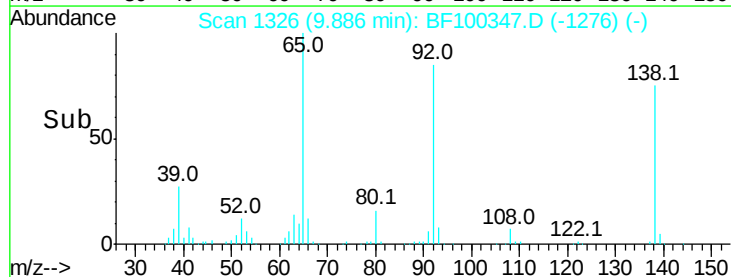
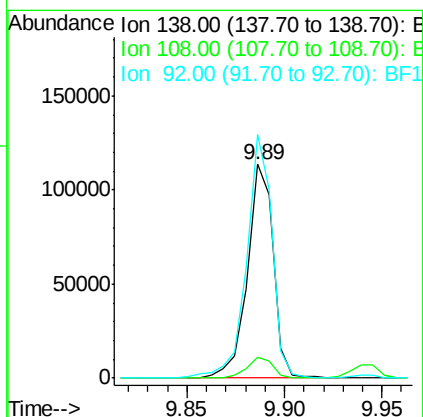
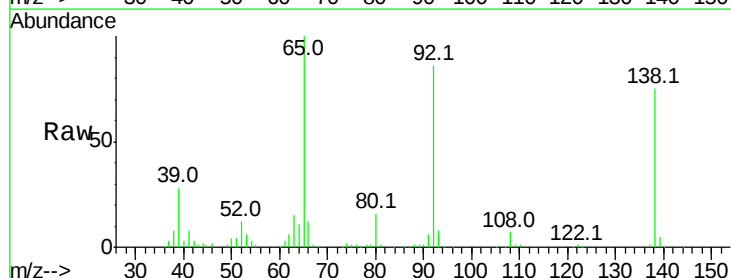
RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion:	138	Resp:	104712
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	113.8	89.4	134.2





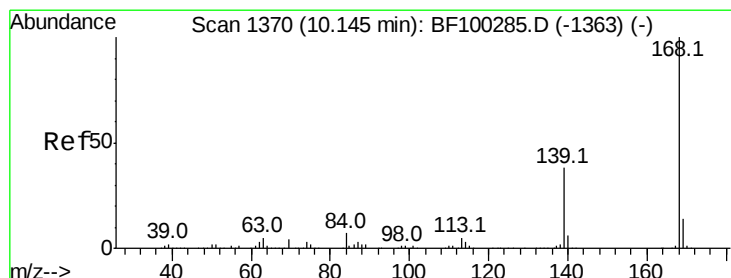
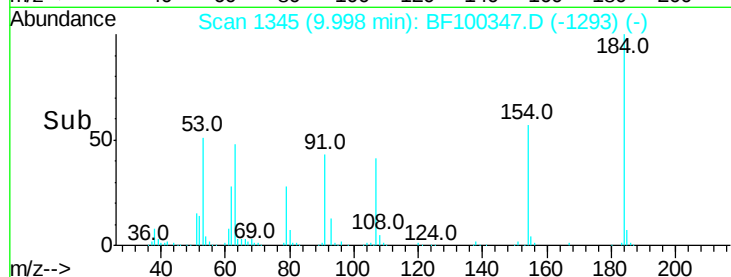
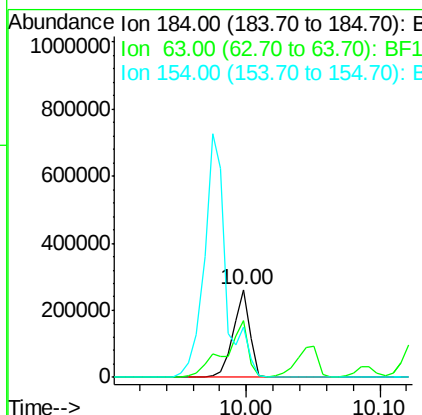
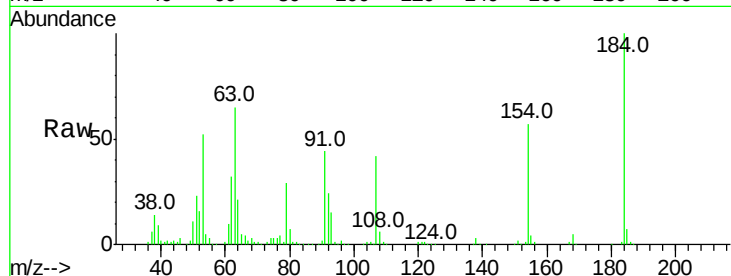
#53
 2,4-Dinitrophenol
 Concen: 94.875 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampled :
 PB103993BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.3	54.2	81.2
154	56.8	184.0	276.0#

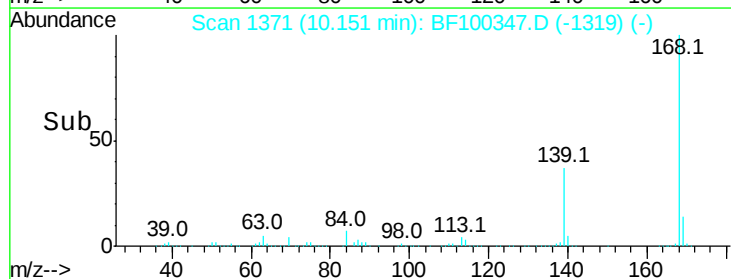
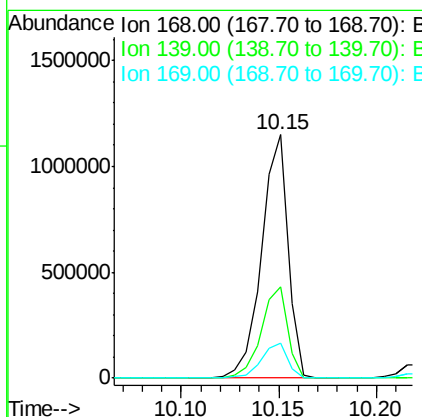
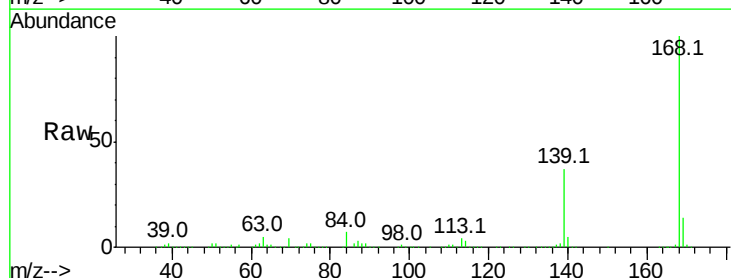
Manual Integrations
 APPROVED

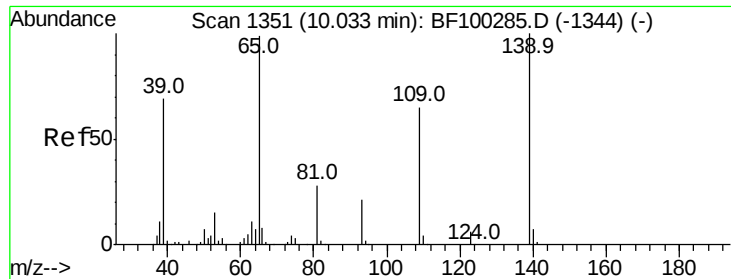
Sohil
 11/10/2017 1:15:07 PM



#54
 Dibenzofuran
 Concen: 36.554 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.1	10.9	16.3





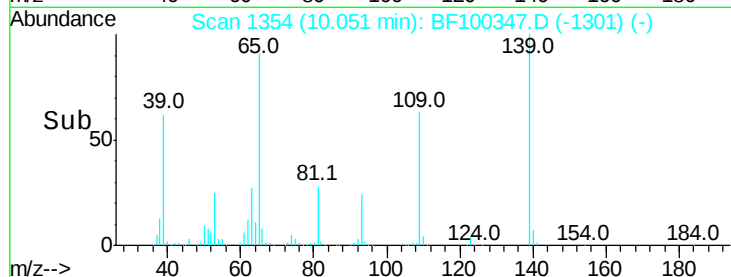
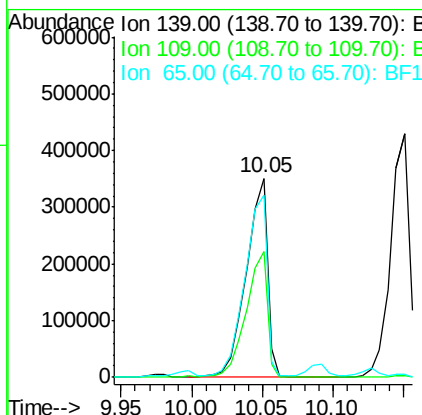
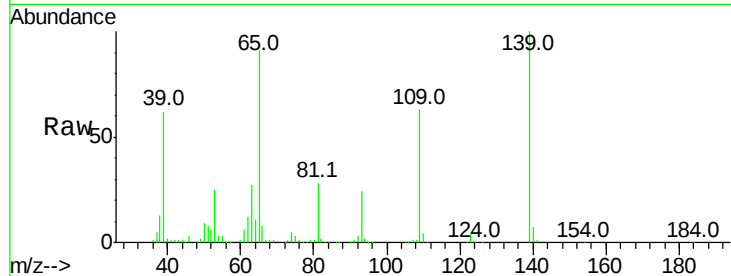
#55
4-Nitrophenol
Concen: 76.665 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	369784		
109	63.4	48.4	88.4	
65	91.3	72.6	112.6	

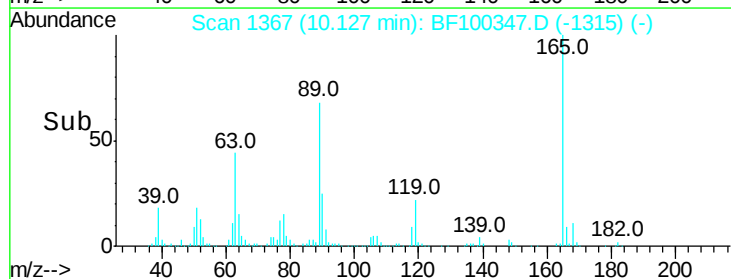
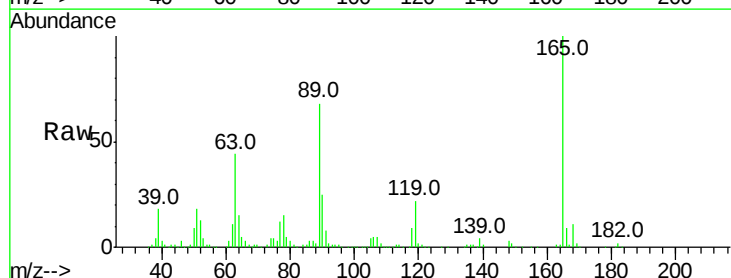
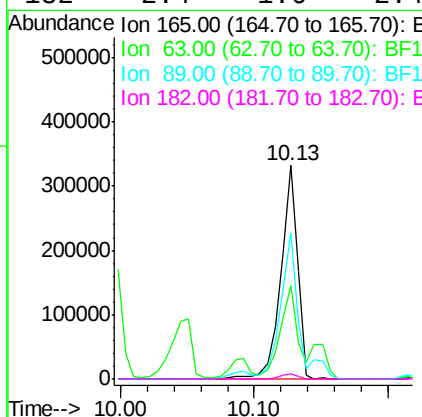
Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#56
2,4-Dinitrotoluene
Concen: 46.130 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	292745		
63	43.6	36.4	54.6	
89	68.3	57.8	86.6	
182	2.4	1.6	2.4#	





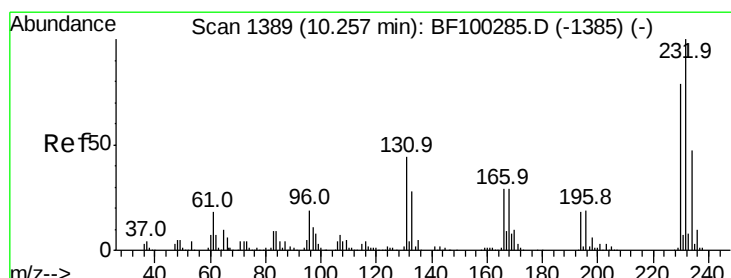
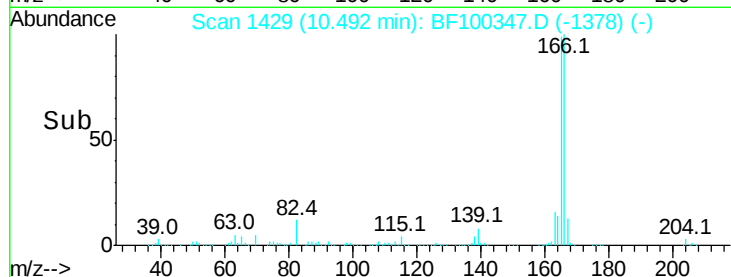
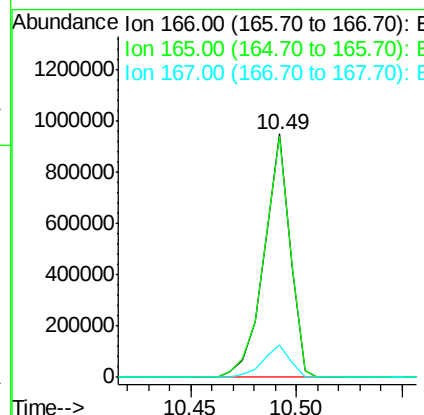
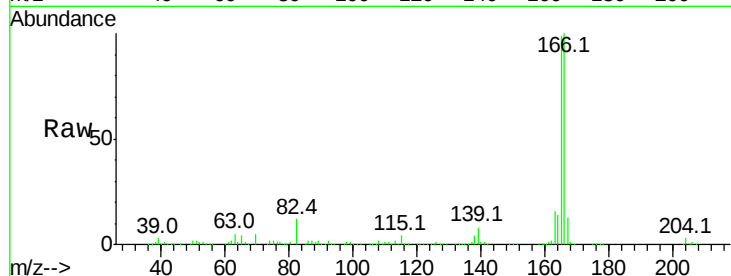
#57
Fluorene
 Concen: 37.655 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	813819		
165	98.8	79.8	119.8	
167	13.3	10.6	16.0	

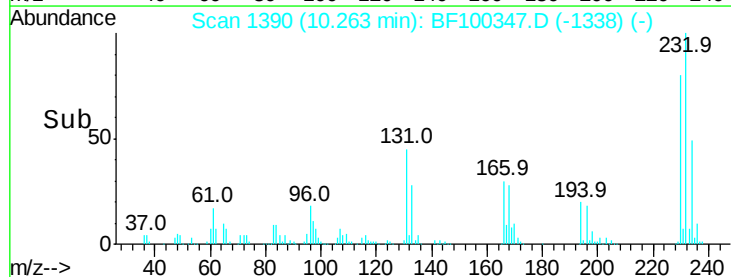
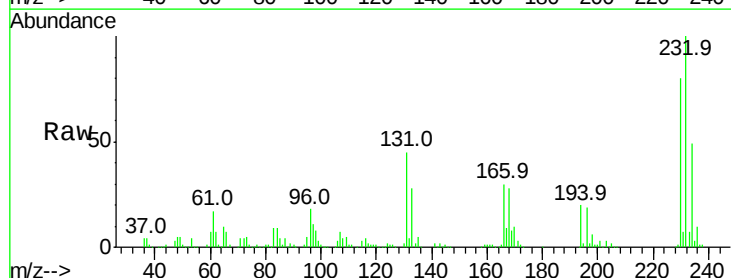
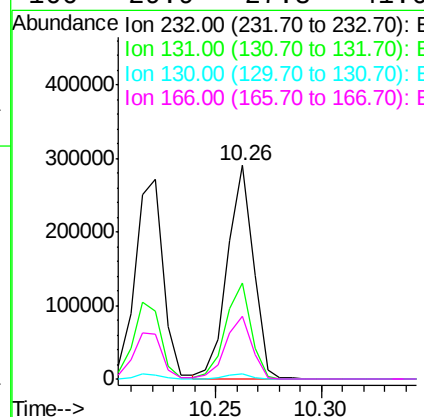
Manual Integrations
 APPROVED

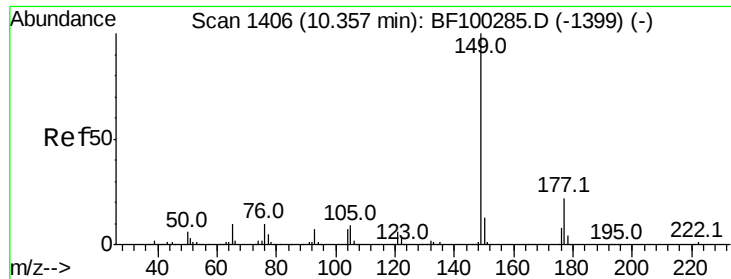
Sohil
 11/10/2017 1:15:07 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.754 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	248055		
131	44.8	43.8	65.8	
130	2.1	2.1	3.1	
166	29.9	27.8	41.6	





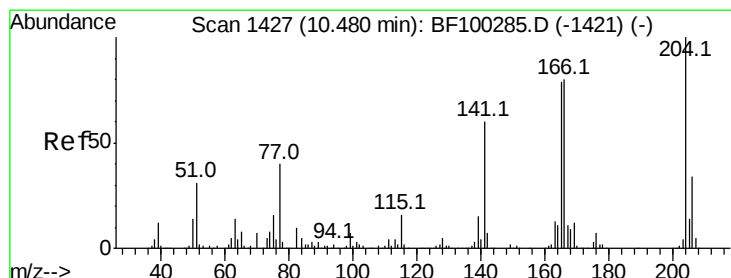
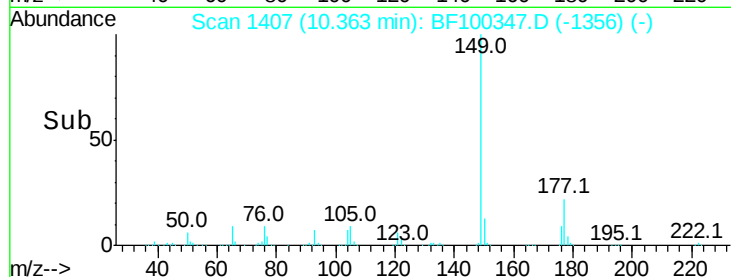
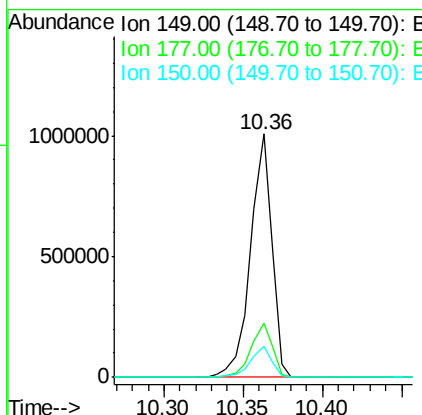
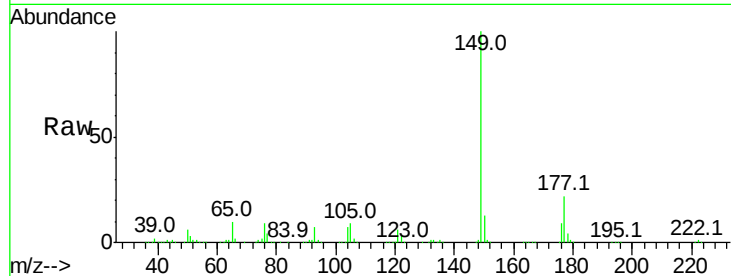
#59
Diethylphthalate
Concen: 36.843 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampled :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	936992		
177	22.3	16.1	24.1	
150	12.8	10.1	15.1	

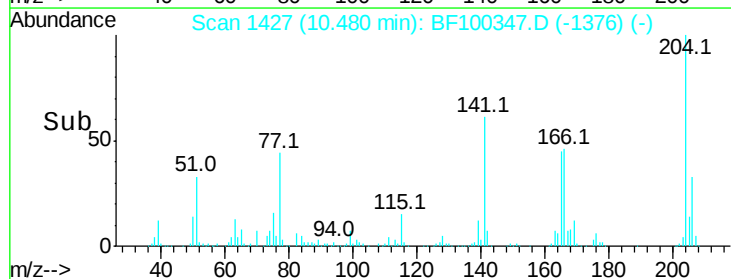
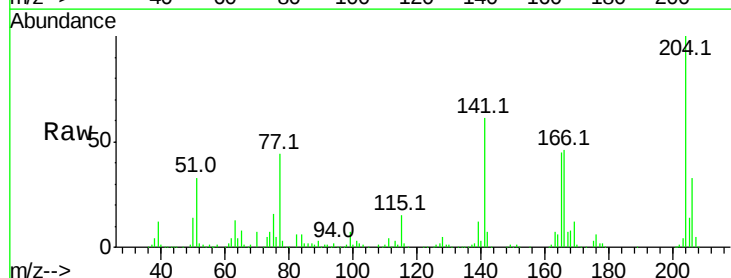
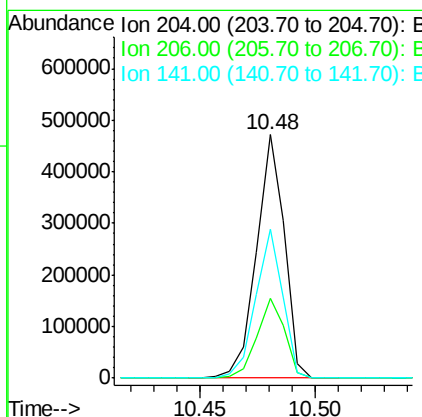
Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.425 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	396795		
206	32.8	26.5	39.7	
141	61.0	54.6	81.8	





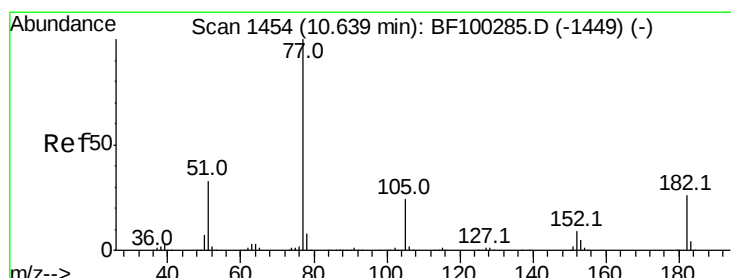
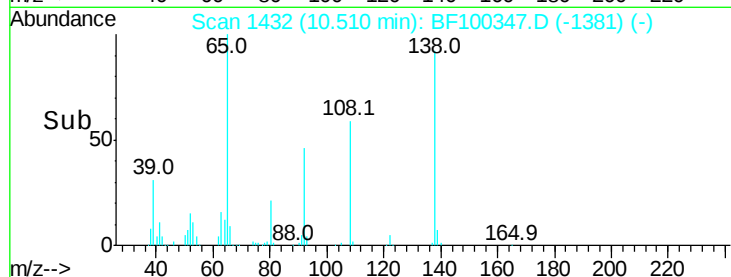
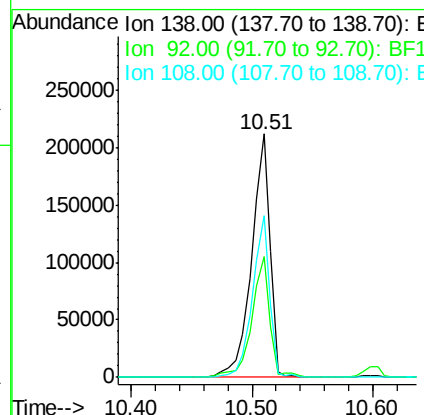
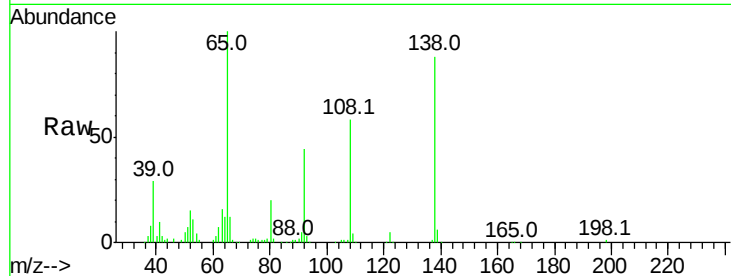
#61
4-Nitroaniline
Concen: 40.146 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.2	70.2
108	66.3	52.5	92.5

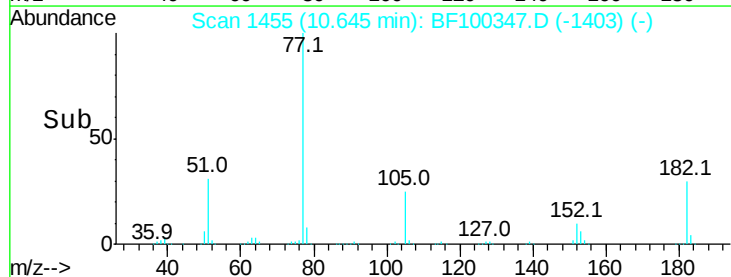
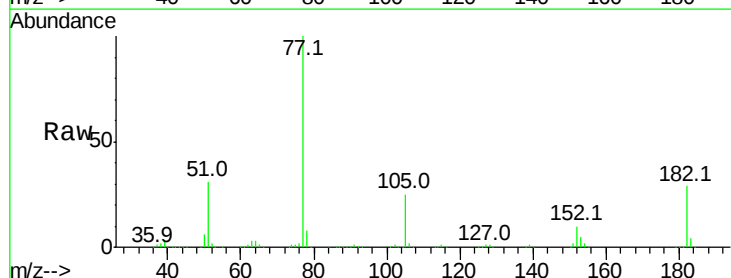
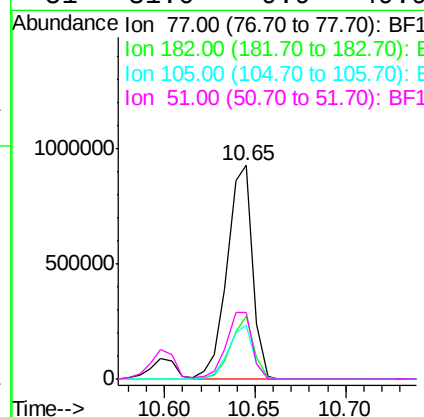
Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#62
Azobenzene
Concen: 37.781 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.4	1.7	41.7
105	25.1	3.0	43.0
51	31.0	9.9	49.9





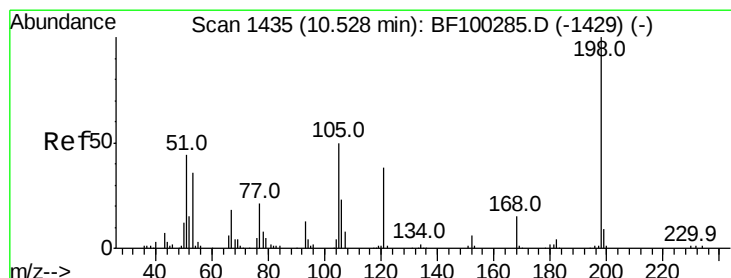
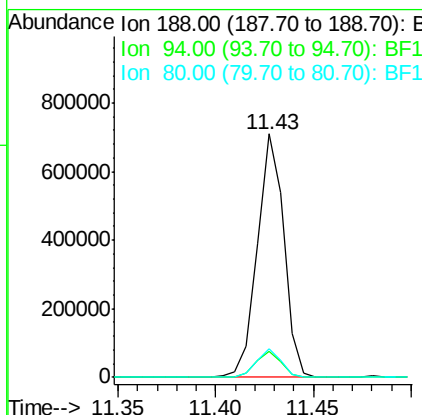
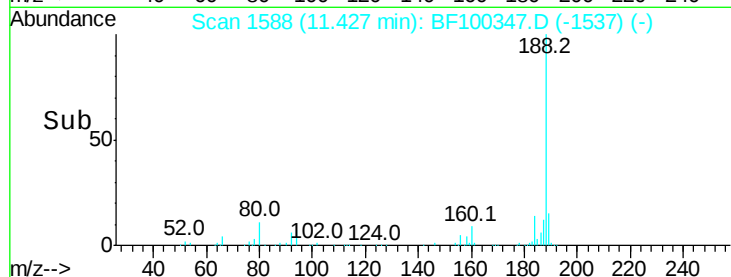
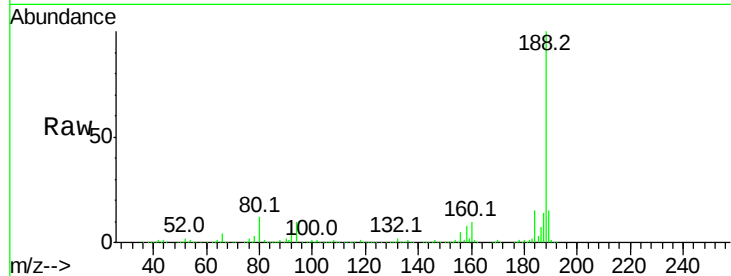
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	667649		
94	10.5		8.5	12.7
80	11.7		9.2	13.8

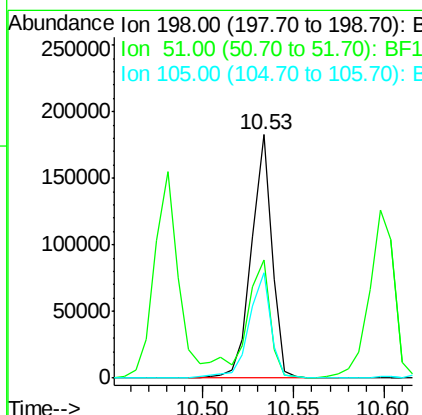
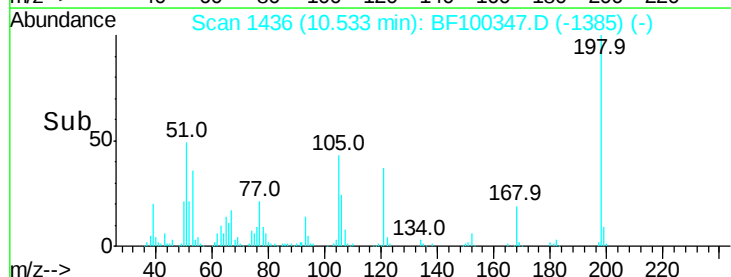
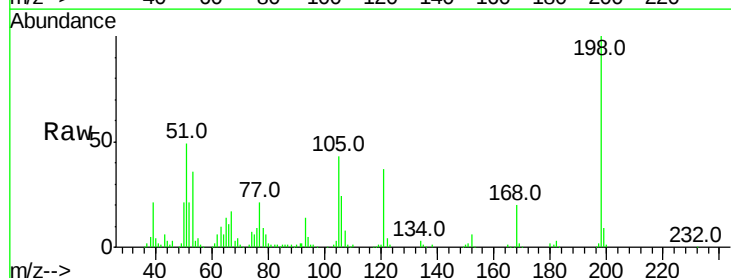
Manual Integrations
APPROVED

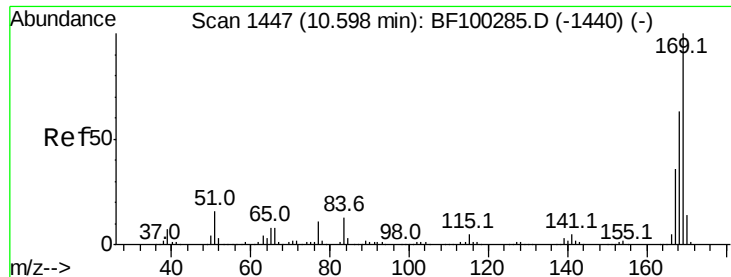
Sohil
11/10/2017 1:15:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.735 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	144308		
51	48.7		37.7	77.7
105	43.4		36.3	76.3





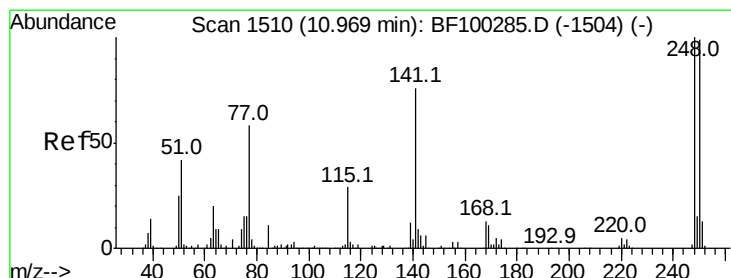
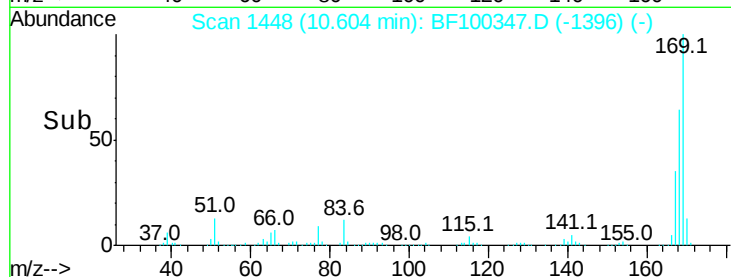
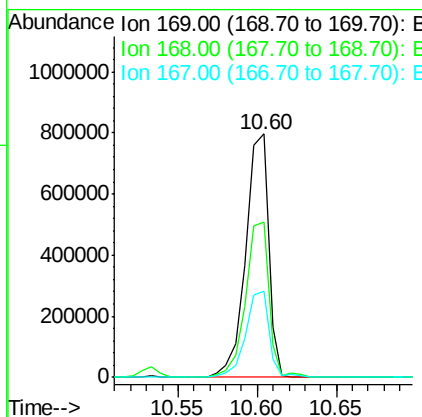
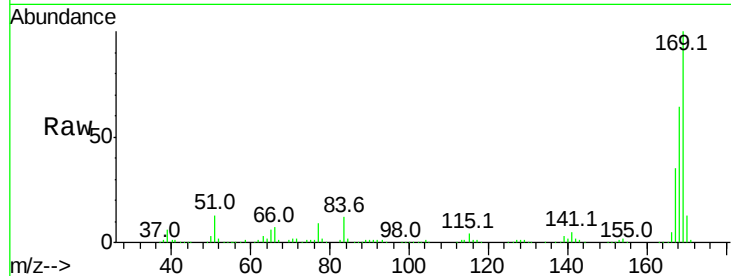
#65
n-Nitrosodiphenylamine
Concen: 34.397 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.8	54.4	81.6	
167	35.2	29.8	44.6	

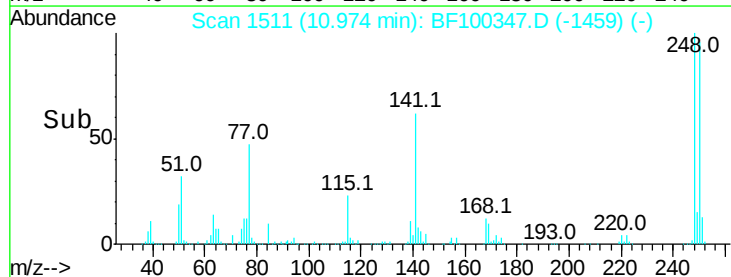
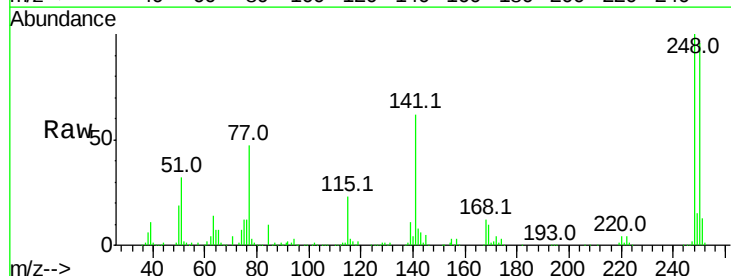
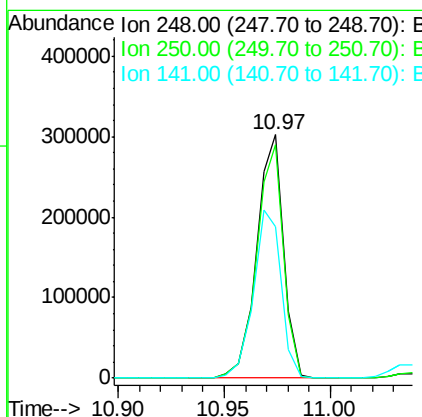
Manual Integrations
APPROVED

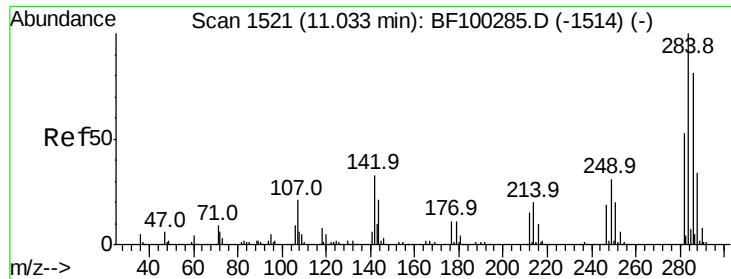
Sohil
11/10/2017 1:15:07 PM



#66
4-Bromophenyl-phenylether
Concen: 37.358 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.0	76.9	115.3	
141	62.5	74.4	111.6	





#67

Hexachlorobenzene

Concen: 37.090 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

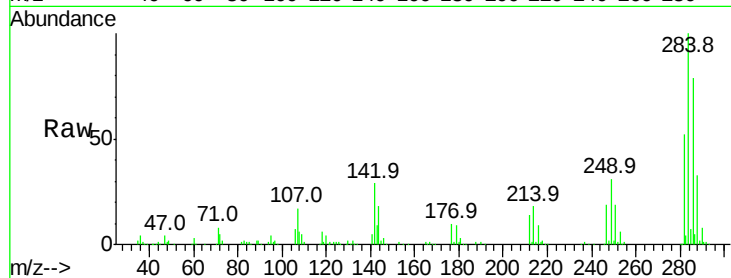
ClientSampleId :

PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	277634		
142	29.0	34.6	52.0	
249	31.0	24.8	37.2	

Manual Integrations
APPROVED

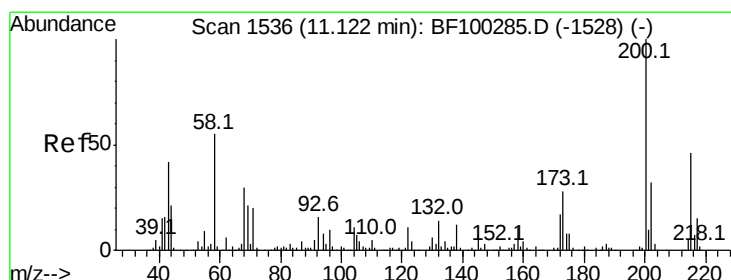
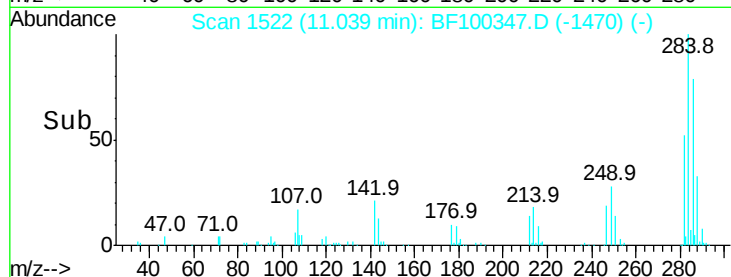
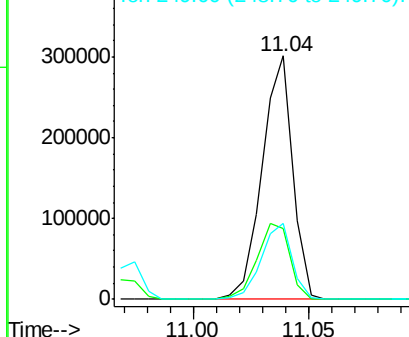
Sohil
11/10/2017 1:15:07 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.722 ng

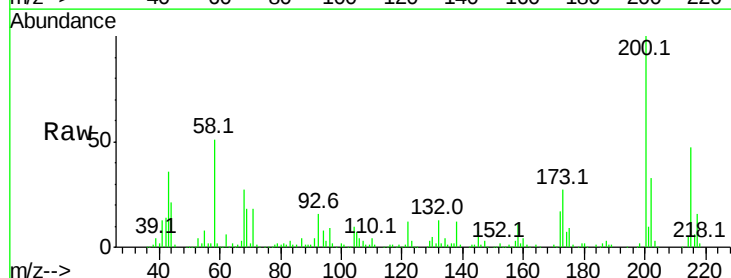
RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

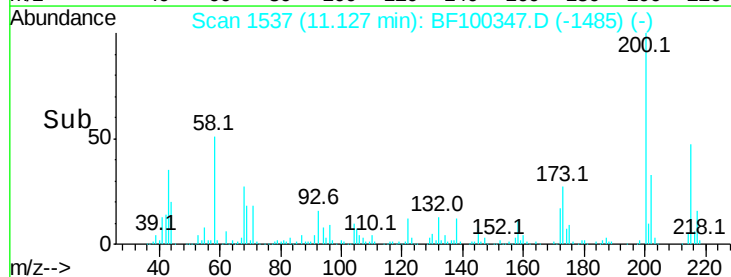
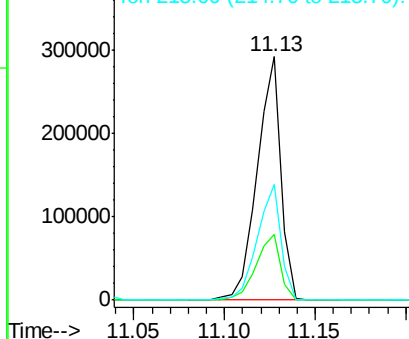
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	265083		
173	27.0	8.6	48.6	
215	47.4	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





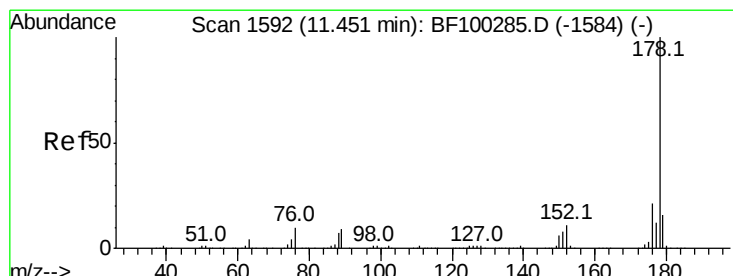
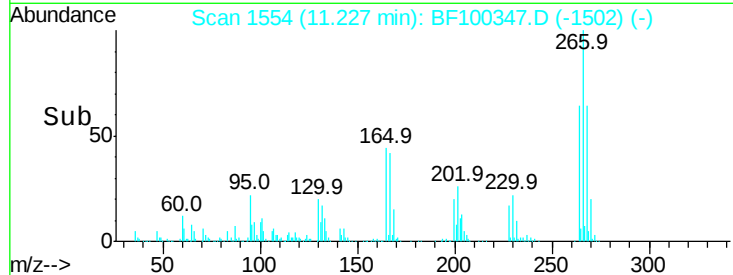
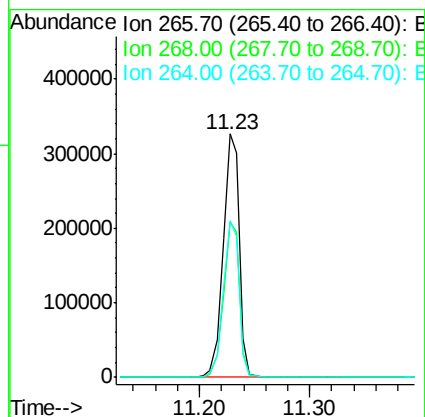
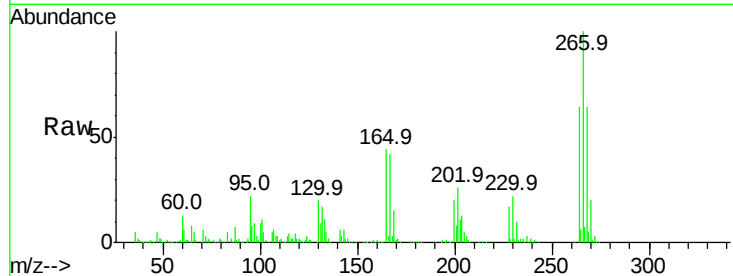
#69
 Pentachlorophenol
 Concen: 61.961 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	332577		
268	63.5	51.1	76.7	
264	64.2	49.5	74.3	

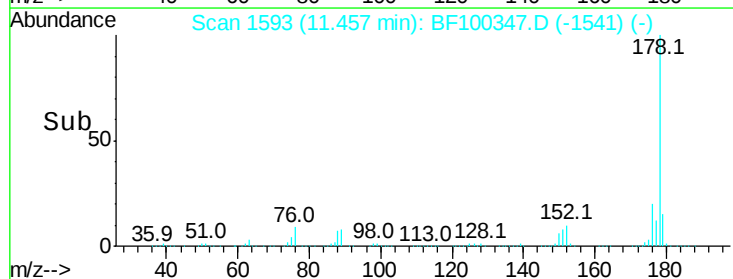
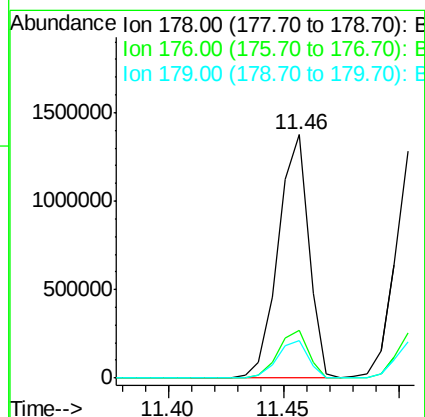
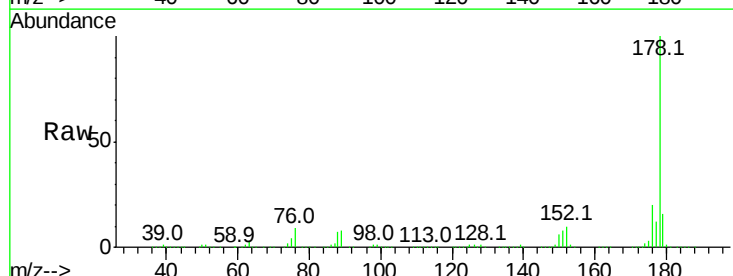
Manual Integrations
 APPROVED

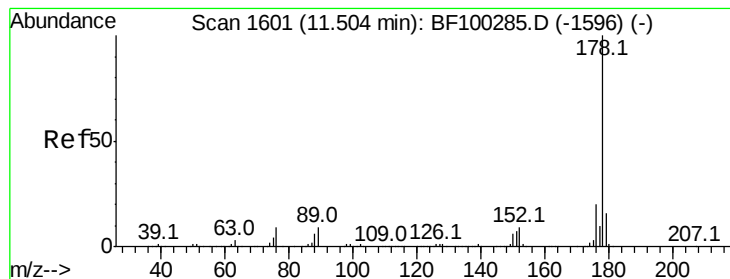
Sohil
 11/10/2017 1:15:07 PM



#70
 Phenanthrene
 Concen: 35.850 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1260233		
176	19.7	15.8	23.8	
179	15.5	13.0	19.6	





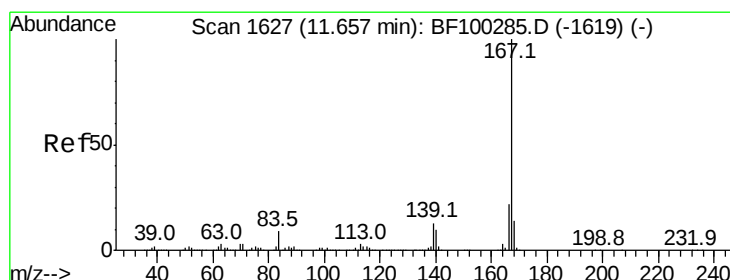
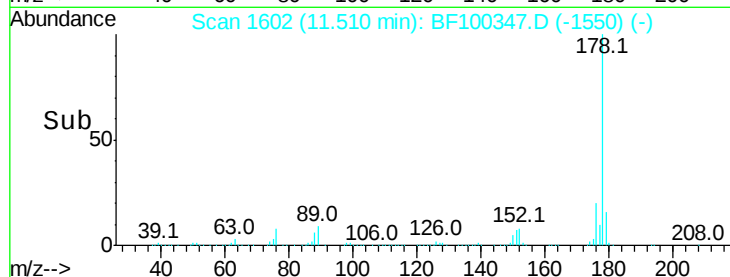
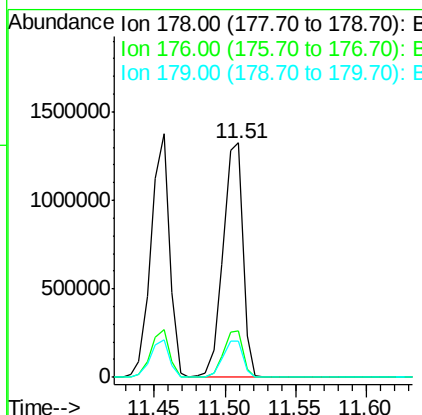
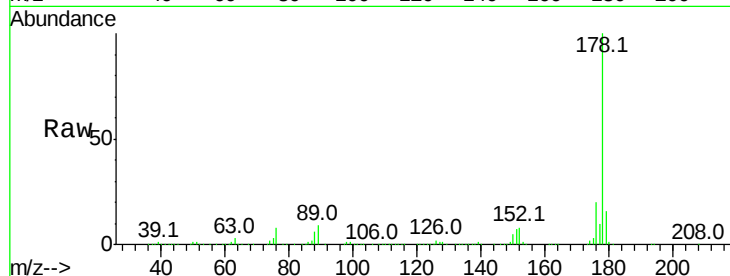
#71
 Anthracene
 Concen: 36.530 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.7	12.6	19.0

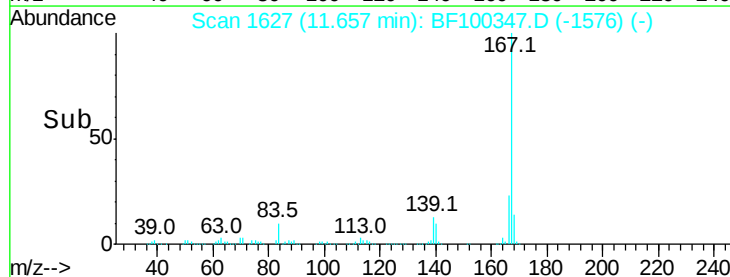
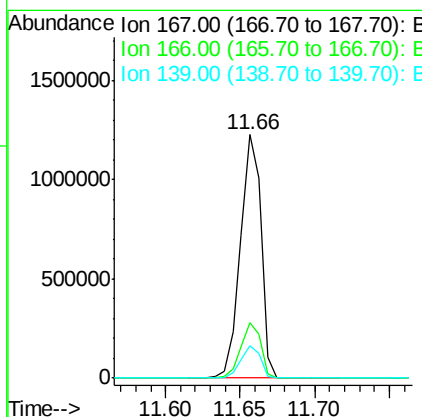
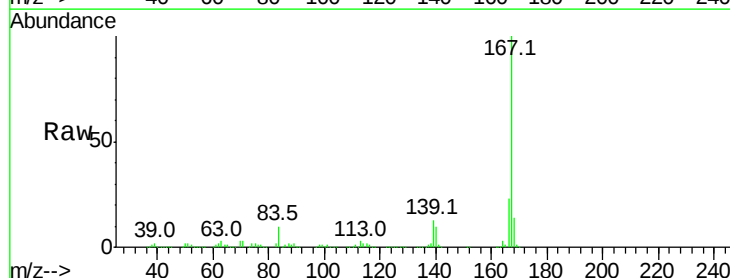
Manual Integrations
 APPROVED

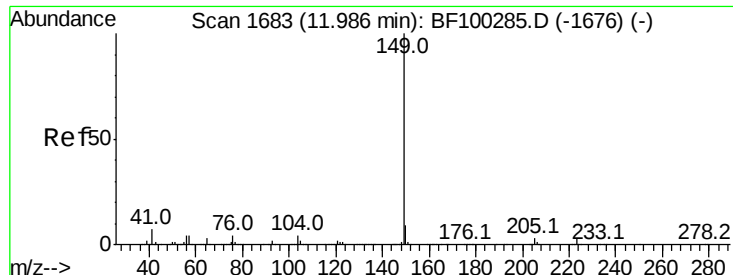
Sohil
 11/10/2017 1:15:07 PM



#72
 Carbazole
 Concen: 35.986 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.759 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

ClientSampleId :

PB103993BS

Tot Ion:149 Resp: 1492596

Ion Ratio Lower Upper

149 100

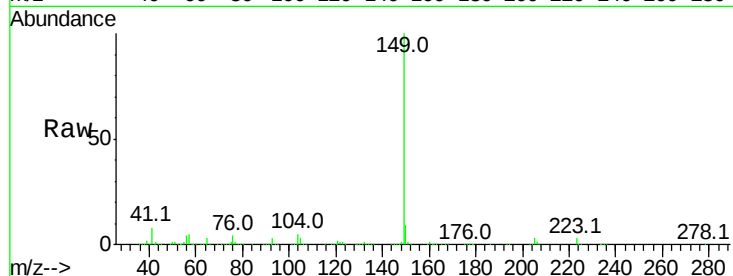
150 9.5 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

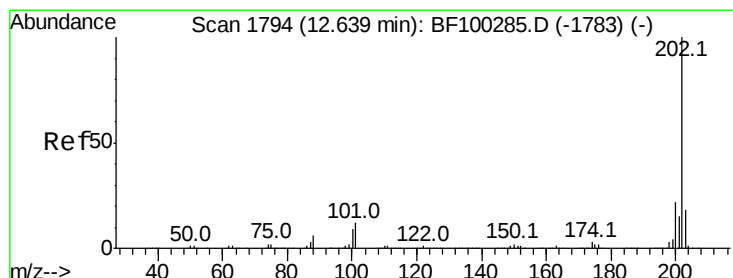
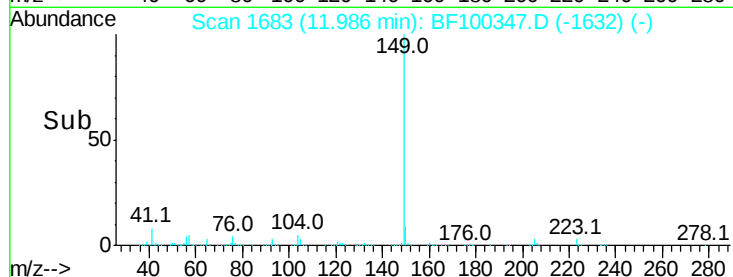
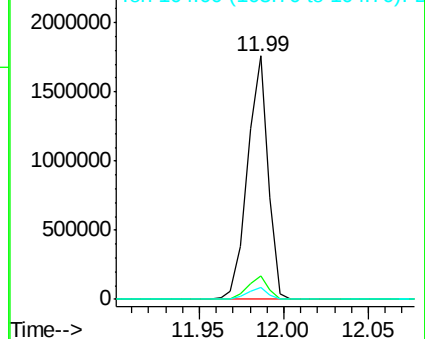
11/10/2017 1:15:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.654 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

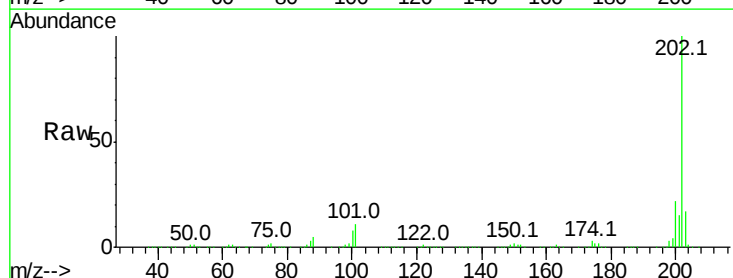
Tgt Ion:202 Resp: 1328308

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

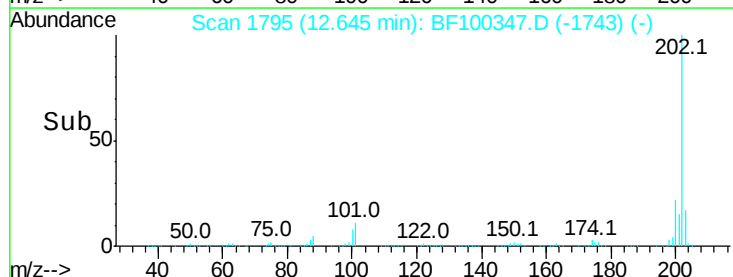
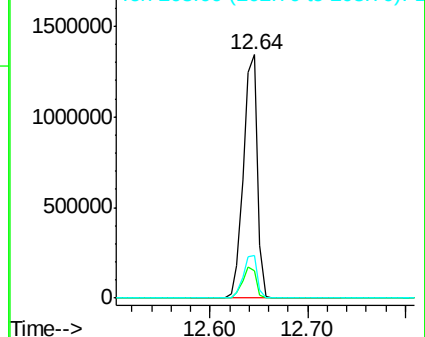
203 17.5 0.0 38.1

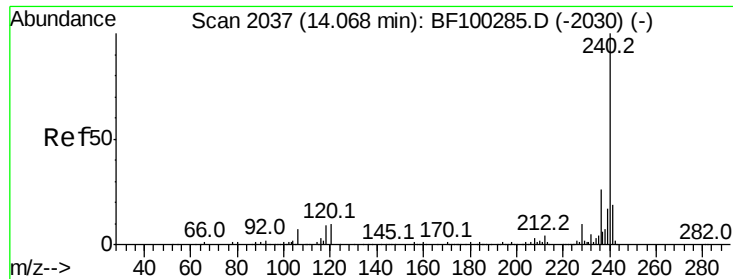


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

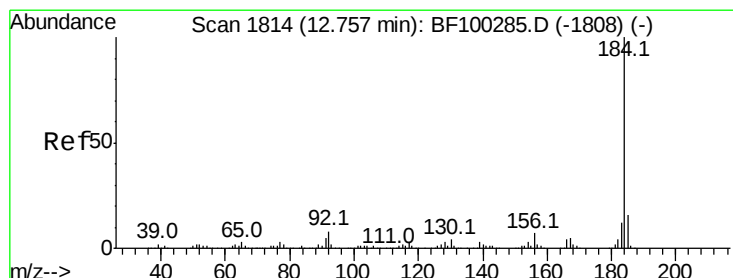
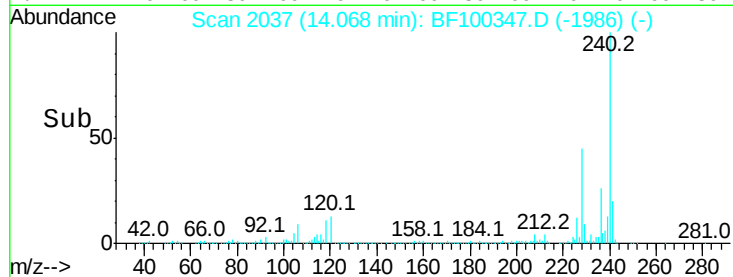
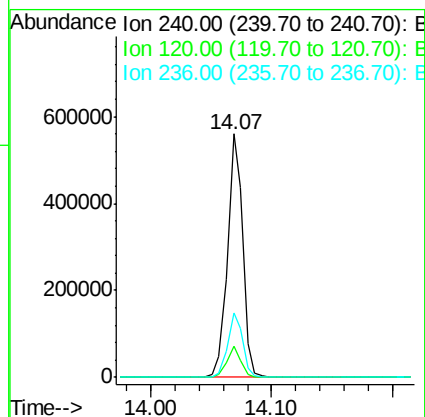
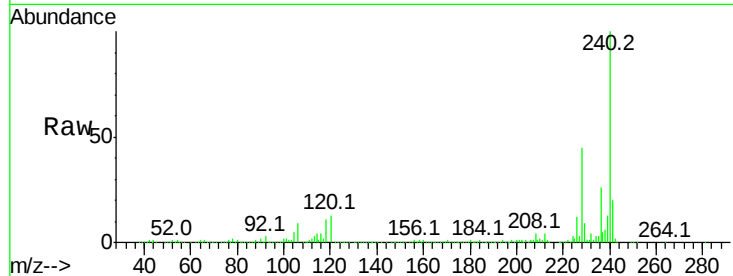
ClientSampleId :

PB103993BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#76

Benzidine

Concen: 24.873 ng

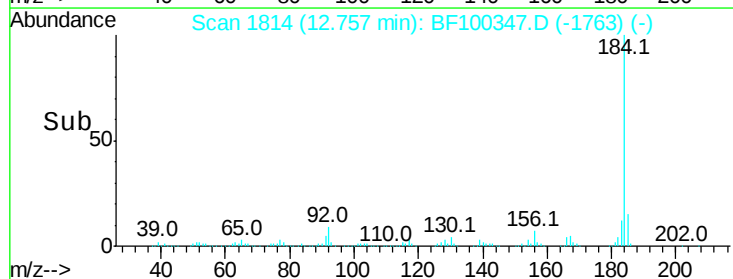
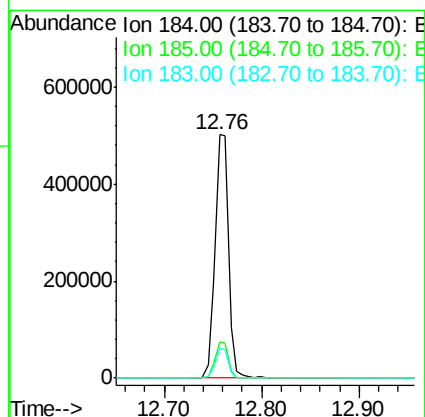
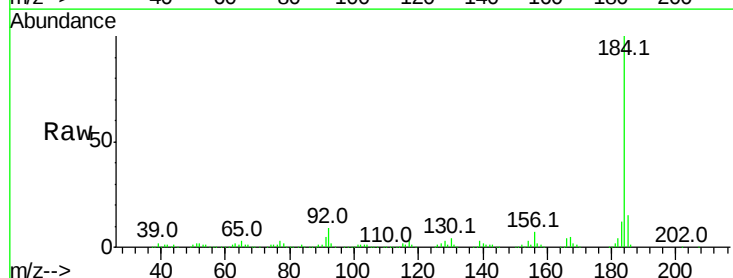
RT: 12.76 min Scan# 1814

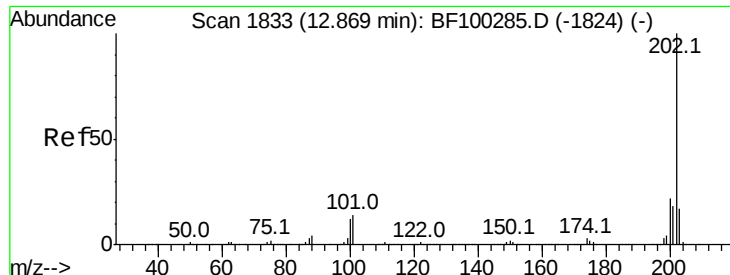
Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.1	9.3	13.9





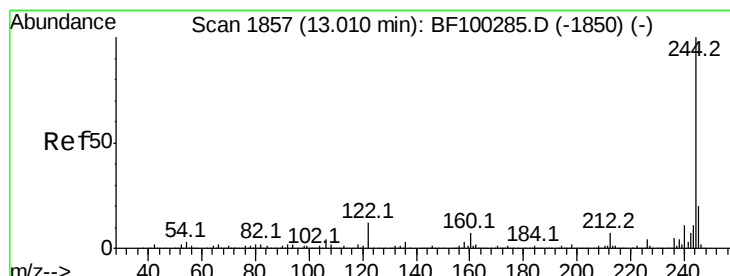
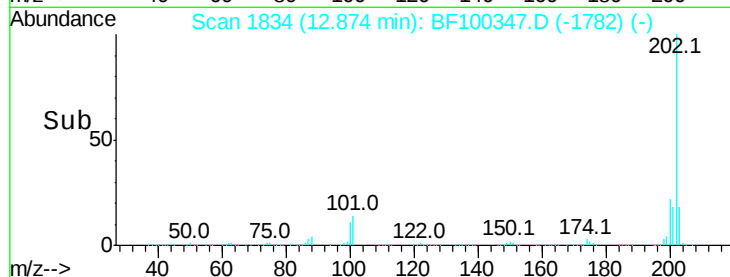
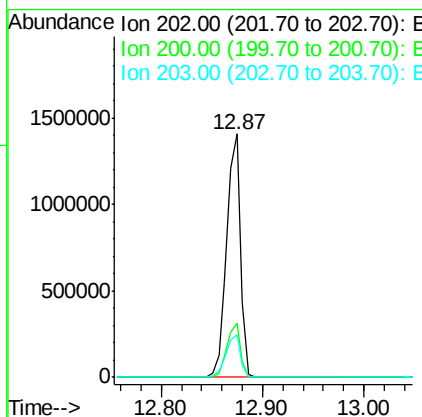
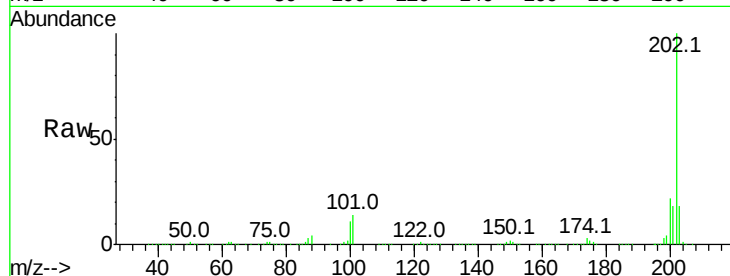
#77
Pvrene
Concen: 38.669 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion:202 Resp: 1337825
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.5 14.3 21.5

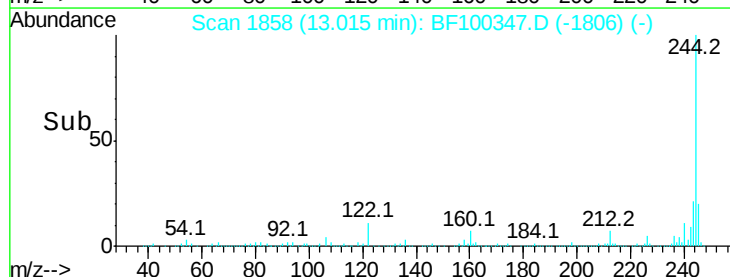
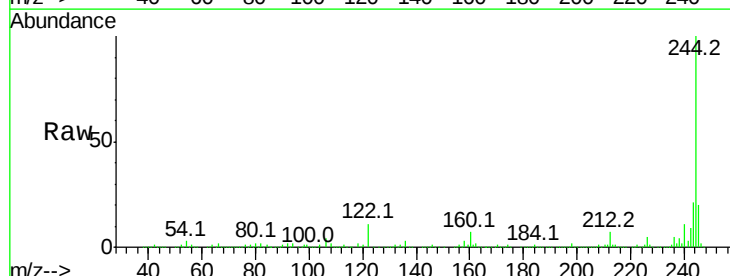
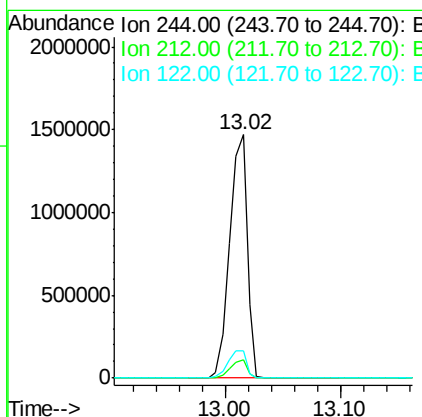
Manual Integrations
APPROVED

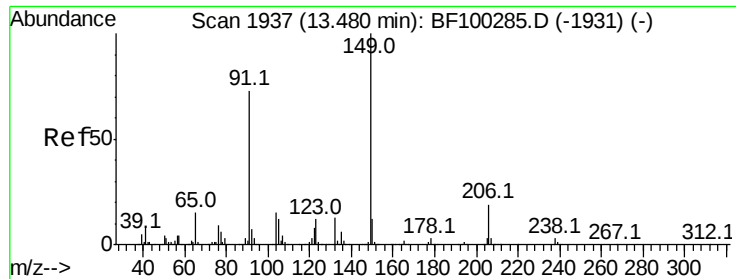
Sohil
11/10/2017 1:15:07 PM



#78
Terphenyl-d14
Concen: 73.575 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion:244 Resp: 1554083
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 11.0 11.0 16.4





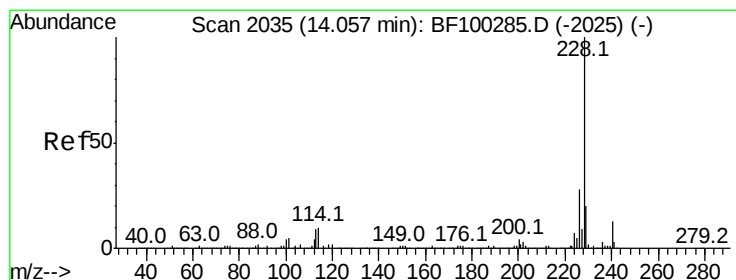
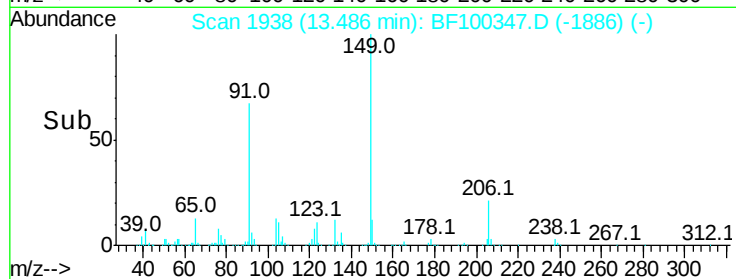
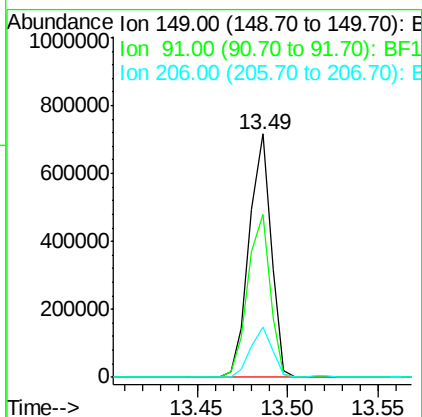
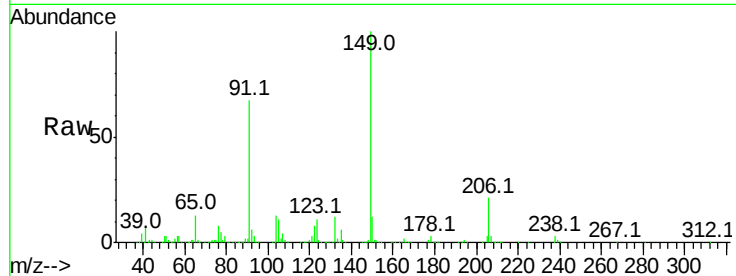
#79
Butylbenzylphthalate
Concen: 42.982 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleID :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	606435		
91	67.1	56.8	85.2	
206	20.6	14.1	21.1	

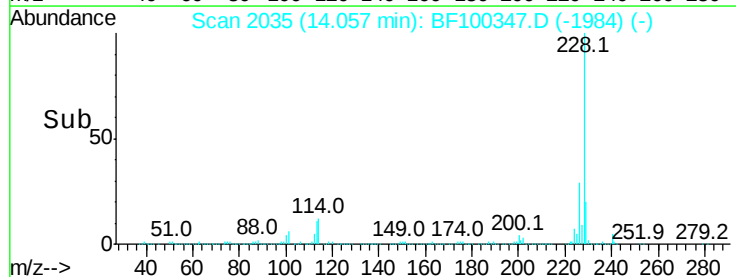
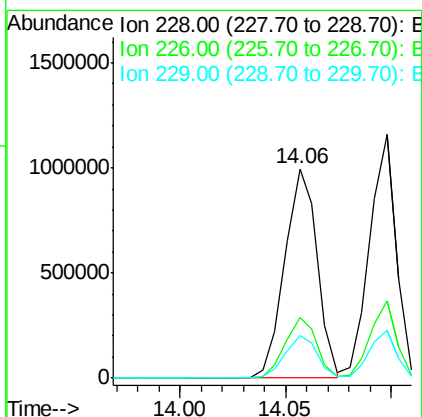
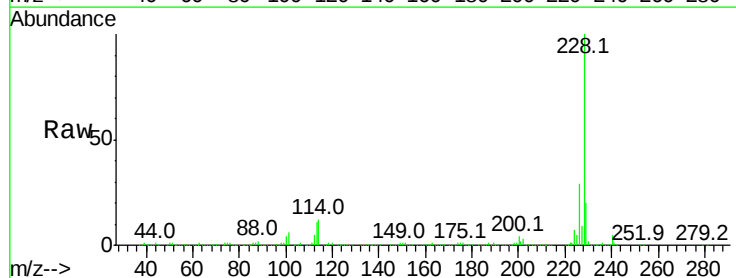
Manual Integrations
APPROVED

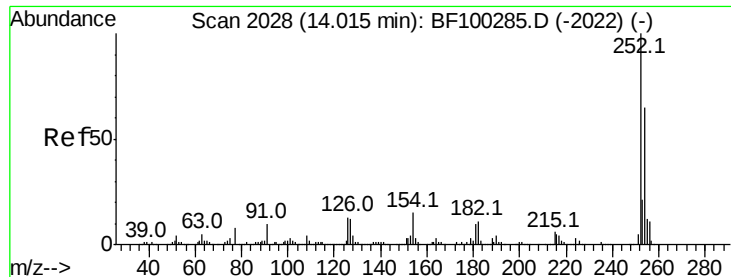
Sohil
11/10/2017 1:15:07 PM



#80
Benzo(a)anthracene
Concen: 36.633 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1070668		
226	29.0	22.6	33.8	
229	20.2	15.8	23.6	





#81
3,3'-Dichlorobenzidine
Concen: 15.497 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampled :
PB103993BS

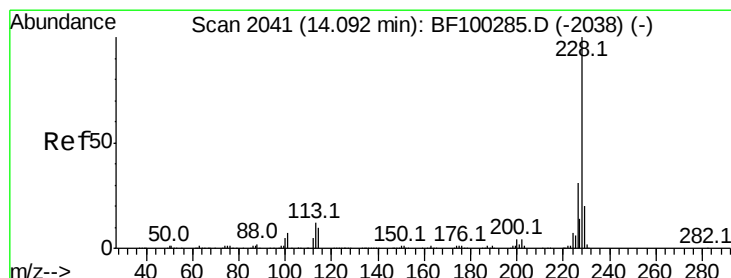
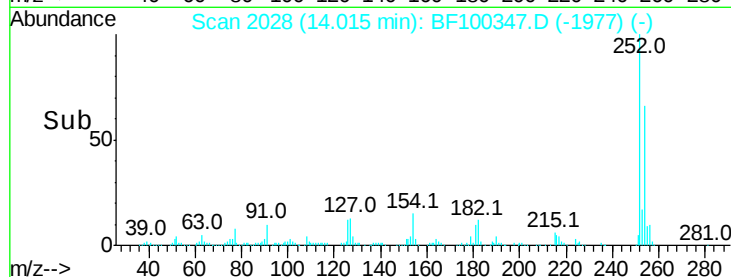
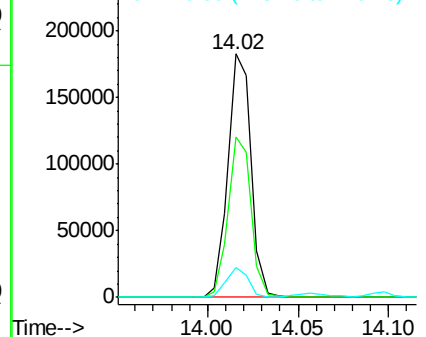
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	12.3	11.3	16.9

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM

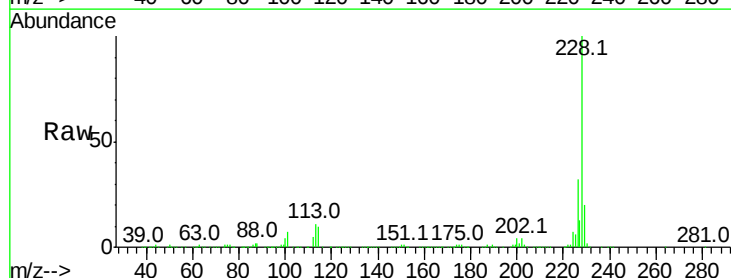


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

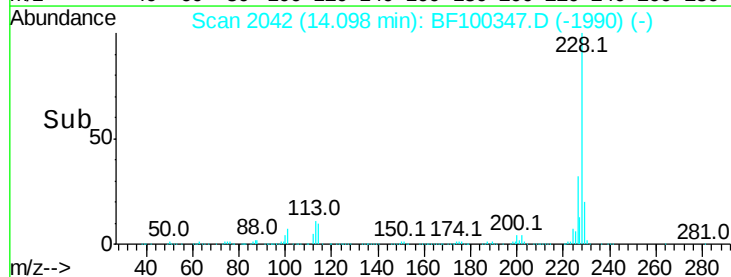
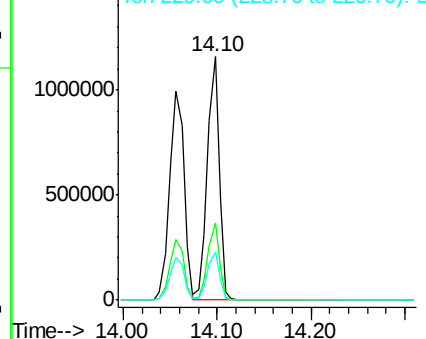


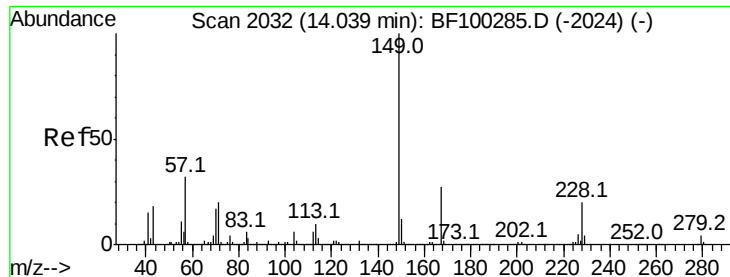
#82
Chrysene
Concen: 36.382 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	19.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.180 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

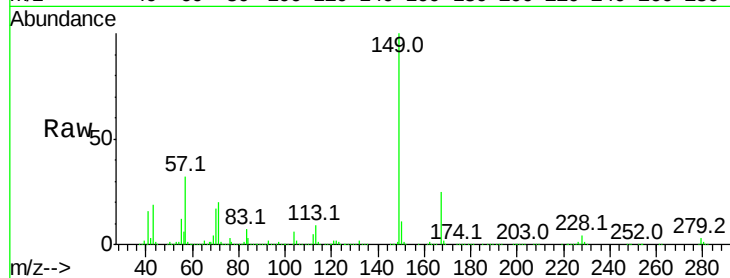
ClientSampleId :

PB103993BS

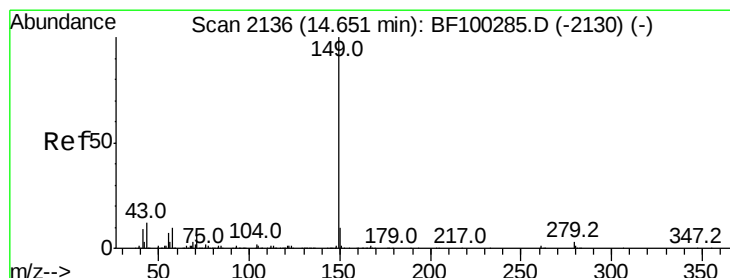
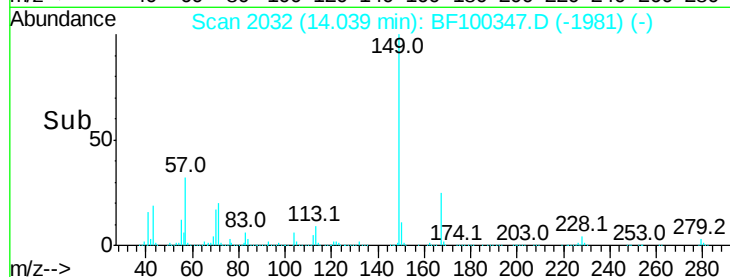
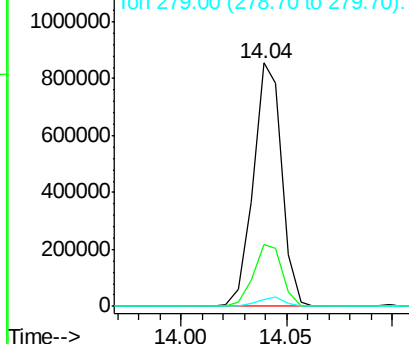
Tot Ion:	149	Resp:	801273
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.108 ng

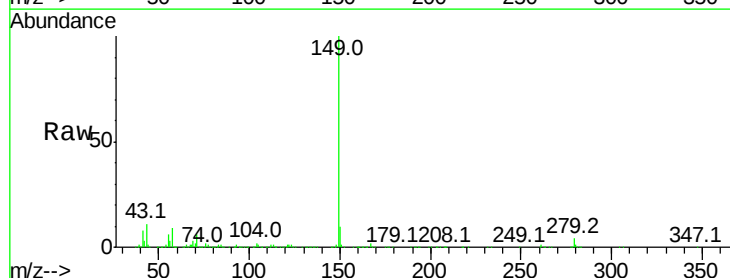
RT: 14.66 min Scan# 2137

Delta R.T. 0.00 min

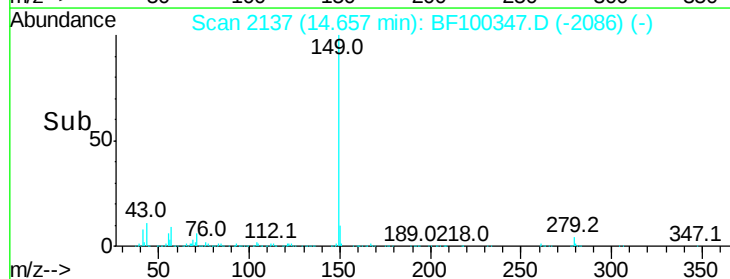
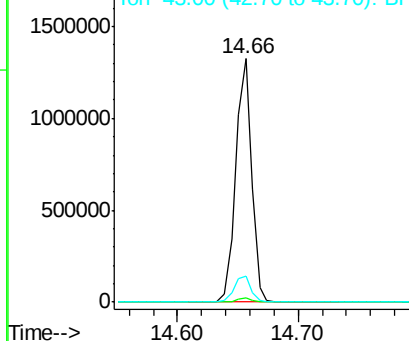
Lab File: BF100347.D

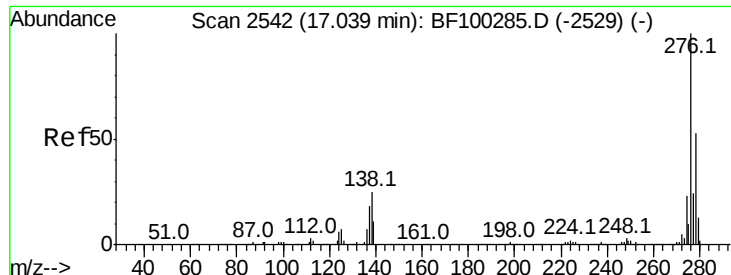
Acq: 9 Nov 2017 18:20

Tgt Ion:	149	Resp:	1214842
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.0	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.320 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

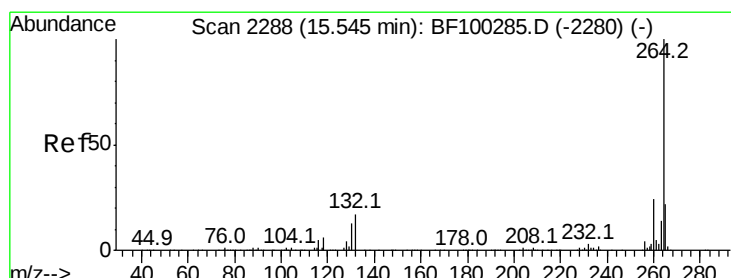
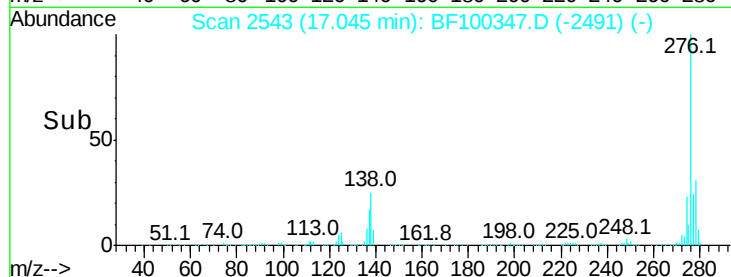
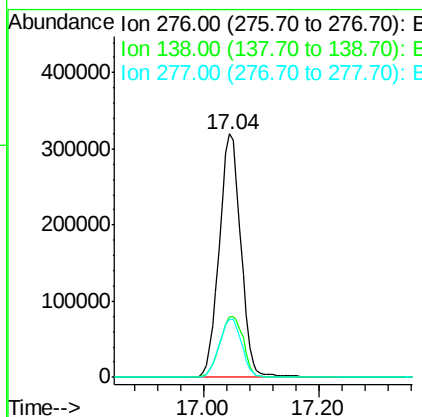
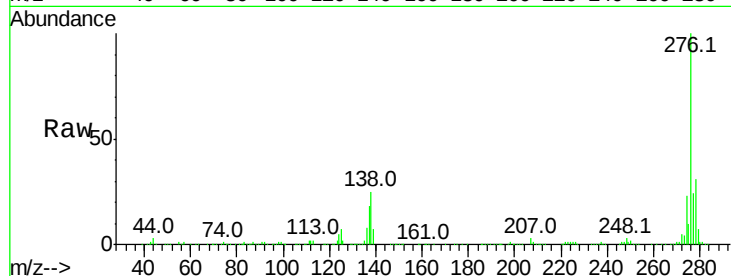
ClientSampleId :

PB103993BS

Tot Ion:	276	Resp:	831436
Ion Ratio	Lower	Upper	
276	100		
138	27.5	25.0	37.6
277	24.9	20.1	30.1

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#86

Perylene-d12

Concen: 20.000 ng

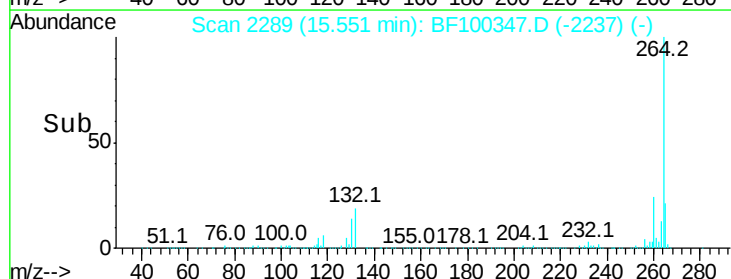
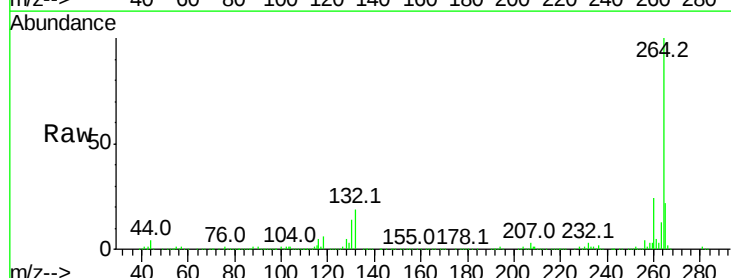
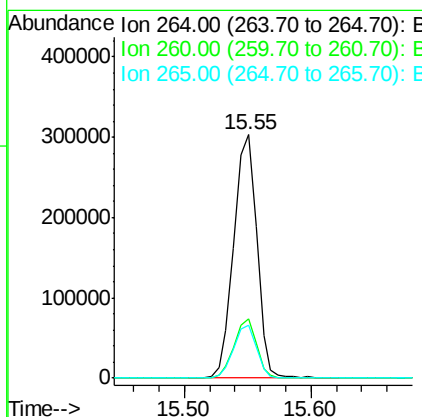
RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion:	264	Resp:	382401
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.991 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Instrument :

BNA_F

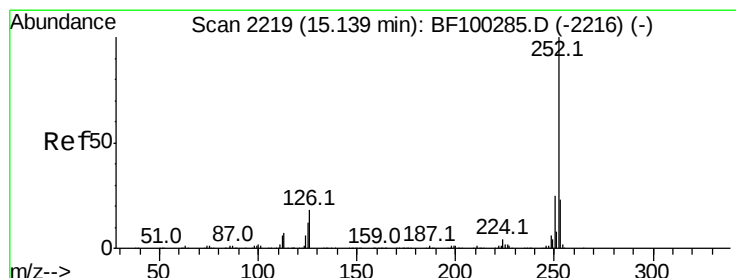
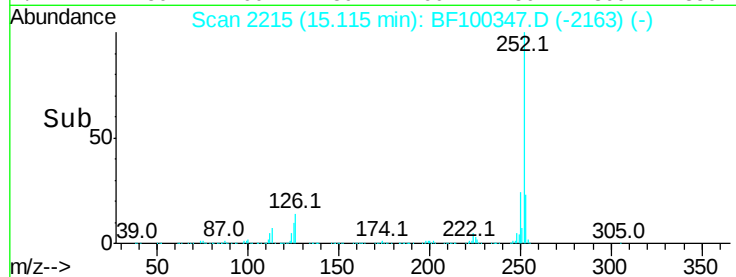
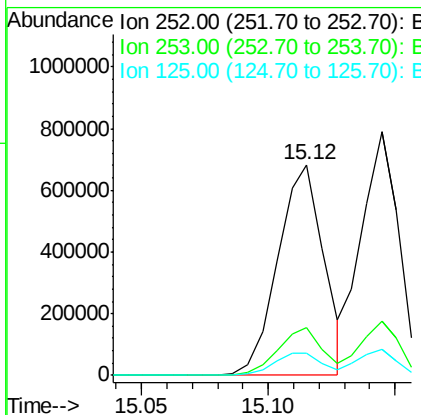
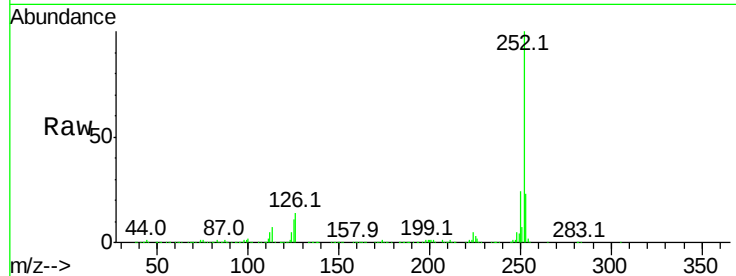
ClientSampleId :

PB103993BS

Tot Ion:252	Resp:	860702
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.0 25.6
125	10.5	9.0 13.6

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:07 PM



#88

Benzo(k)fluoranthene

Concen: 38.589 ng

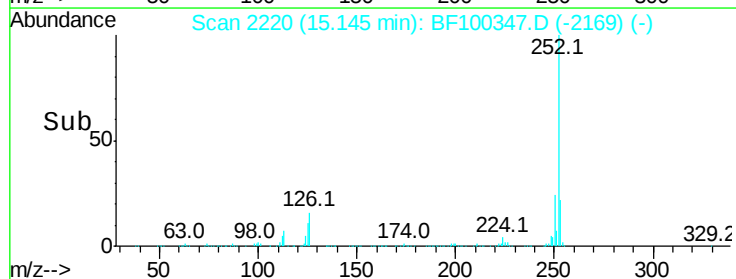
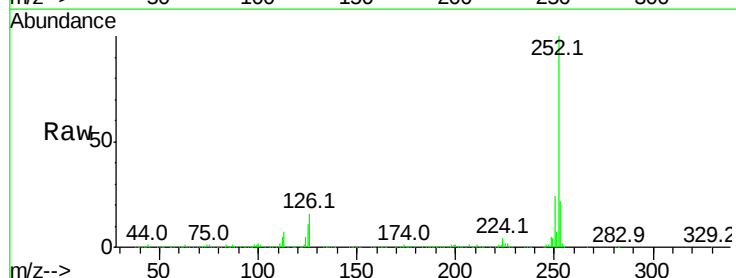
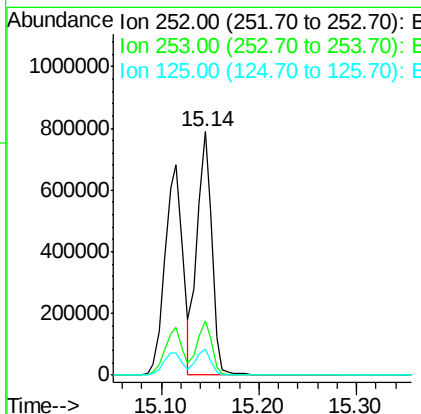
RT: 15.14 min Scan# 2220

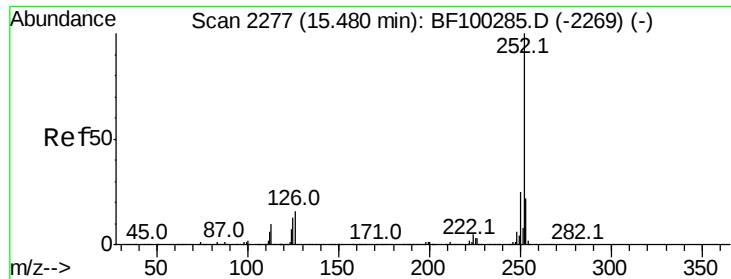
Delta R.T. -0.00 min

Lab File: BF100347.D

Acq: 9 Nov 2017 18:20

Tgt Ion:252	Resp:	826026
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.9 26.9
125	10.6	10.2 15.2





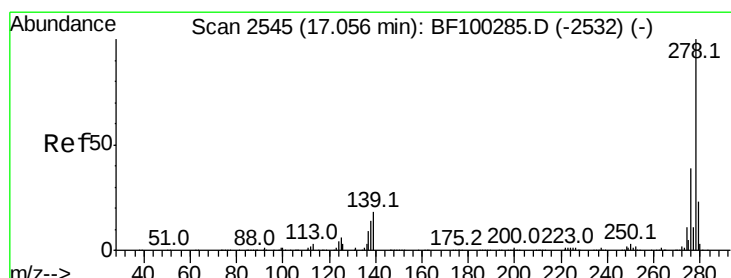
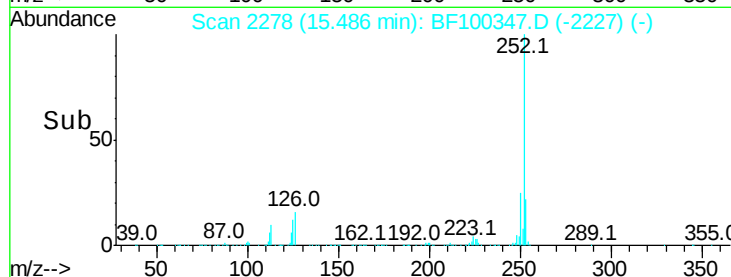
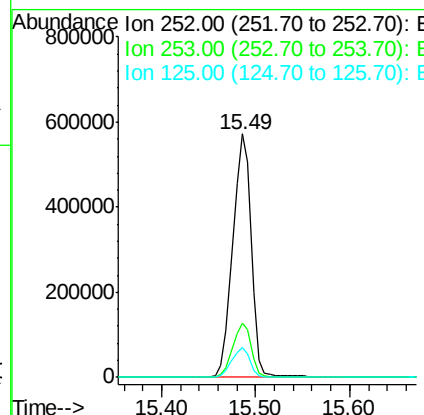
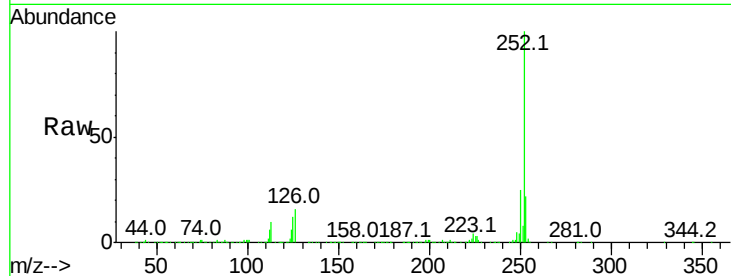
#89
Benzo(a)pyrene
Concen: 38.949 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.1	25.7	
125	12.3	9.8	14.6	

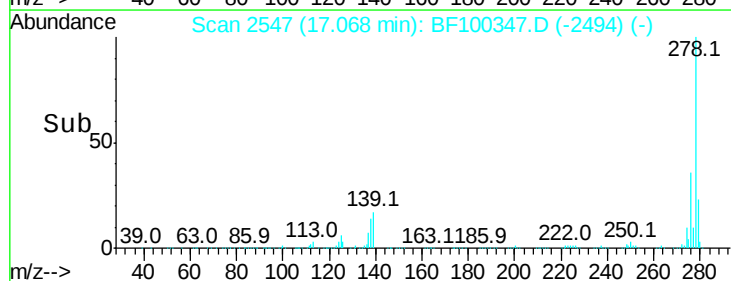
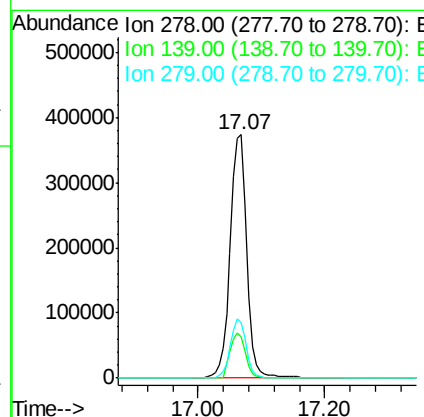
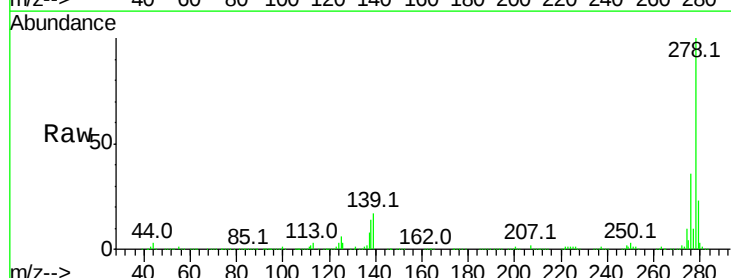
Manual Integrations
APPROVED

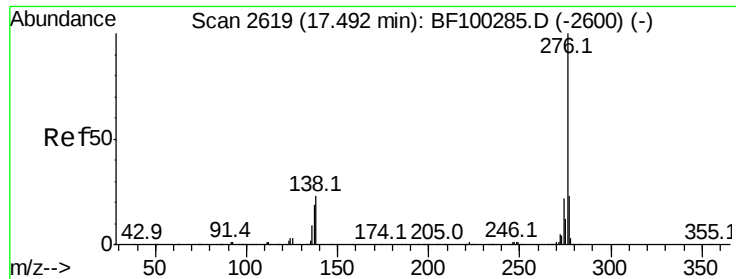
Sohil
11/10/2017 1:15:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.681 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100347.D
Acq: 9 Nov 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	17.2	15.9	23.9	
279	23.0	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 43.378 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BF100347.D
 Acq: 9 Nov 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:07 PM

